

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (91)...(661)  
<223> similar to gi4200331 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8415  
cggacgcgtg ggcggagctc ggcggtctgc gctcggttgc tagccgtttg ctcccgtttt 60  
cagttgcttt gctgttagcc tgttggacct tcgagcctag ctgctcgcac aggactcggc 120  
cacctgccct tcctgcaccg actggccagc tcaagagggt tggatatgga ccttcttcaa 180  
ttcctggcct tcctctttgt cctgcttttg tctgggatgg gagccacagg caccttgagg 240  
acctccctgg acccaagcct ggagatctac aagaagatgt ttgaggtgaa gcggcgggag 300  
cagctgttgg cactgaagaa cctggcacag ctgaacgaca tccaccagca gtacaagatc 360  
cttgatgtca tgctcaaggg gctctttaag gtgctggagg actcccggac agtgctcacc 420  
gctgctgatg tgctcccaga tgggcccttc ccccaggacg agaagctgaa ggatgctttc 480  
tcccacgtgg tggagaacac ggccttcttc ggcgatgtgg tgctgcgctt cccgaggatt 540  
gtgcaactatt actttgacca caactccaac tggaacctcc tcatccgctg gggtatcagt 600  
ttctgcaacc agacaggcgt cttcaaccag gggccccact cgcccatcct cagcctgatg 660

<210> 8416  
<211> 2846  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(2847)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (1929)...(1054)  
<223> similar to gi2317725 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8416  
tttttttttt ttcattcacc agccagtttt atttactcac aagaacaaat ccaaagccca 60  
gtgcagcagc tctgagctca ggctgcccgt gccccgtttt gtgggcctgt acttgaaaca 120  
ctgaacgtga tgtgtccttc actcaccgcg agcactttaa tccccacaac agccctgtga 180  
ggtaggaatc accaccattc cccccgactc atattacaga tgggggaaacc gagacacaca 240  
ttcaacaaag cgcgcatcac atggggagtt cagggttagc ctggagtacg aacacacggt 300  
ctcccatggt cccagtcagc ggccacacct gcctcttccc ctccctttag taaccccatc 360  
agcagcagca taaaaatcta acccttcatt ttgctgaaag cccctgcaga tgacagtttc 420  
cttcctatca tgtctgcaga gctccaaggc tgggggcatg gttgaggccg aagccagcca 480

cagtgcctca	gctgtgcctt	tcctggagag	cggttgccg	ccccagcac	atccctggca	540
cacgggcttg	cataacagac	tcttgtagcg	ccatctctag	cacaagacca	tggccacatc	600
tccccaacca	ctcagcccgc	acagcgtgca	aaggtgggga	gttcacttta	atggcattcc	660
tccaacgact	tattgtaaaa	gaaacaaggc	atctcgtcct	gggtcgcaac	acccagcagc	720
atccgttttag	accaccaagg	gtaggctgcg	ccgggtgcac	agggatcccc	ctgcggctcg	780
gcgaaagccg	gagtcctggg	atccagagca	gcccggggag	ccctggagtc	tggaaaggac	840
acagcagtgg	ggcgggcggc	ggcaactcca	gctctgagcc	cgttggcacc	ccgcacgggtg	900
gccccagcca	gctggaggca	ggctcaggag	cggctcctgt	ccttggtggt	ccccacgac	960
atcttgctgt	acagcttctg	ctgctcctcc	ttgaacgtgt	ccttcacctt	ctccctcttc	1020
aggcccccct	cccacagcag	gtccacaagt	cctccctgcc	tggcaatggc	agatttcacc	1080
ctattcgcaa	actggacagc	atcttcatct	gcctctctag	tcatgggagg	caggtagcac	1140
acgctgcaga	caatggccca	gctggctcat	attcgacgca	ggtacgtcac	catcccgtat	1200
ttgctgctgt	tccagaaggc	atcgccaaat	tgagggtcat	acttgatagc	aacagggtaa	1260
actgtggctc	caatttcaaa	acttcccttt	ttgaacatca	tcaccgatgt	attattgatg	1320
caggttcctt	ctgggaagat	gaggataggc	agcttgcttt	tatcttgcac	atgttcagtc	1380
agtctcttag	ccaccagggtg	gcatccttc	acttccgagc	gctcaaacca	gacgtgtggg	1440
caggccttca	ccatggctct	ctgaatcaca	cccatgagtc	ccccgtgcac	ttgaccacc	1500
atggcataat	agccatcgct	ggccaagatg	atcacatcga	tcggtgaggt	atgattggcc	1560
acacagatgc	caccatttct	tggctctgtt	tccctgtcat	ggtaggtgat	gatggctgtc	1620
agcgctcgca	cgcagatccg	gtaacacatt	aagtgaacat	gtttactcat	gaactcctta	1680
aacctcccat	ttggcaagta	tcccaccaca	gttggtgccc	ccaccagaag	gctaaccctt	1740
gtgaaagcca	gtgctatcct	gagcggcgagc	agaaagcagt	accgaatcag	cactcctaac	1800
ccccacagga	ccgtgagccg	aaggctgatg	tactggaagt	tataattggt	tctgctcagc	1860
aggttccagg	actccagttc	ttctgctgag	aatctctttg	tcacctcatc	atccataatg	1920
gtctccattc	ctttccggca	aaagtagaaa	atgtcagaga	gctcgaactc	tggagtgttg	1980
tccagagcct	tactactacc	acttcgacga	atctctttga	tctctcttc	tagtgaagtg	2040
ggatcctttg	caatgattcc	gttggtgtag	ggcttgtaaa	gctgggtggt	cttctccttg	2100
gctcctcgct	ccattctcaa	ggtagccac	gcaaagattt	ttaacagact	tttcatgtag	2160
agtttgcgga	taccaaagga	gactccaaaa	atggctggca	ctatgatgaa	aacgagaagg	2220
aggggtgaaga	ggacagtcag	ggagatgccc	agaaggttga	caatcaggct	atcaaaaggc	2280
agcaacagga	acatgggtga	agatccaggc	caggccagca	cctgcctcca	taagaacaaa	2340
ttgcagcctt	cagatgggtc	ttctgacag	caccagccag	ggaaaggaag	caagttcccc	2400
aagaacagca	aaccccatc	caaagtccac	acccttcaac	cgcctgaata	gaaggcctgg	2460
gaacagaatg	acagaaaaac	acggccacag	gaggcaactg	caaacgccag	gtctctccag	2520
aatggatgga	ctctaaagat	gattgaagct	agatgggtct	tcagtaaaag	catccgagtc	2580
cagatggagt	ttctgtgcaa	gtgagcagtg	aggacggggg	ctctgctctg	ctgtcctgat	2640
gctgcttcca	gaggttttac	atgggttttc	tgcccaagag	tattcaacag	ataaatctgt	2700
ccccagatc	tgtccccccc	aaaagcacga	aaaagagtta	aacttgggtg	cagaaaaatc	2760
ctgatagctc	ctgtggaggg	gaactccccg	agcgcccgcc	tggntntnnc	cgggnntttg	2820
cgagttttcg	gaagctcaat	nccgcc				2846

<210> 8417

<211> 932

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (84)...(608)

<223> similar to gi4455129 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8417
tctccggacc ggacttcccg ggtcgacgat ttcgtggtac ctagtgtctg agcggcacag      60
acgagatctc gatcgaaggc gagatggcgg acgtgctaga tcttcacgag gctggggggcg      120
aagatttcgc catggatgag gatggggacg agagcattca caaactgaaa gaaaaagcga      180
agaaacggaa gggtcgcggc tttggctccg aagaggggtc ccgagcgcgg atgcgtgagg      240
attatgacag cgtggagcag gatggcgatg aacccggacc acaacgctct gttgaaggct      300
ggattctctt tgtaactgga gtccatgagg aagccaccga agaagacata cacgacaaat      360
tcgcagaata tggggaaatt aaaaacattc atctcaacct cgacaggcga acaggatata      420
tgaaggggta tactctagtt gaatatgaaa catacaagga agcccaggct gctatggagg      480
gactcaatgg ccaggatttg atgggacagc ccatcagcgt tgactgggtg tttgttcggg      540
gtccacaaaa aggcaagagg agaggtggcc gaagacgcag cagaagtcca gaccggagac      600
gtcgtgaca ggtcctctgt tgtccagggt ttctcttcaa gattccattt gaccatgcag      660
ccttggaaca ataggactgg ggtggaactt gctgtgttta tatttaattt cttaccgtat      720
atgcgtagta tttgagttgc gaataaatgt aaacacagca agttccaccc cagtcctctg      780
ttgtccagggt gttctcttca agattccatt tgaccatgca gccttggaaca aataggactg      840
gggtggaact tgcgtgtgtt atatttaatc tcttaccgta tatgcgtagt atttgagttg      900
cgaataaatg ttccattttt gttttctaaa ca      932

```

```

<210> 8418
<211> 417
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (95)...(380)
<223> similar to gi2298391 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8418
ggacttcccg ggtcgacgat ttcgtctcgt ctggtctgctc gtgctccggc tgccctggcg      60
ggtgccgggc cagctggacc ccaccactgg ccggcggttc tcggagcaca aactctgcgc      120
ggacgacgaa tgcagcatgt taatgtaccg cggggagggt cttgaagatt tcacaggccc      180
ggattgtcgt tttgtgaatt ttaaaaaagg ggatcctgta tatgtttact ataaactggc      240
acgaggatgg cctgaagttt gggctggaag tgttgacgc acttttggat attttccaaa      300
agatttaatc caggtagttc atgaatatac caaagaagag ctacaagttc caacaaatga      360
gacggatttt gtttgttttg atggaggaag agatgatttt cataattata atgtaga      417

```

```

<210> 8419
<211> 1007
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (48)...(686)  
 <223> similar to gi510509 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8419
tcacttccac ggctcagcgt cagggaggag agagaatgtc ttttcgaggc ggaggtcgtg      60
gaggctttaa tcgaggtggt ggaggtggcg gcttcaaccg aggcggcagc agcaaccact      120
tccgaggtgg aggcggcggg ggagggcgcg gcaatttcag aggcggcggc aggggaggat      180
ttggacgagg ggggtggccgc ggaggtttaa acaaaggcca agaccaagga cctccagaac      240
gtgtagtctt attaggagag ttcctgcctc cctgtgaaga tgacatagtt tgtaaattgta      300
ccacagatga aaataagggtg ccttatttca atgctcctgt ttacttagaa aacaaagaac      360
aaattggaaa agtggatgaa atatttggac aactcagaga tttttatttt tcagttaagt      420
tgtcagaaaa catgaaggct tcctccttta aaaaactaca gaagttttat atagacccat      480
ataagctgct gccactgcag aggtttttac ctgcacctcc aggtgagaaa ggacctccaa      540
gaggtggtgg caggggaggc cgaggaggag gaagaggagg aggtggcaga ggtggtggca      600
gaggcgggtg ttttagaggt ggaagaggag gtggagggtg gggcttcaga ggaggaagag      660
gtggtggttt cagagggaga ggacattaag tgaacagtt gacagacatc accagttgac      720
ttctgcatta acctgcatga tctgtttcta ctatggattg gaaacttggt tcttgaacaa      780
gtcttgaaga tcttggtcat tttatgacaa tggatctaaa atgtcagcat catgcaaagt      840
gcaacggaat agtgaatttt gctctaaaag agcatgaaca agtctttcta atgttttgta      900
cagtgcctgg cactctgtgg gtgctcaata aatggatagg agttttcatt tgaagcatat      960
ttgaattttt aaaataaagt gttttattcc cttaagttaa aaaaaaaa      1007

```

<210> 8420  
 <211> 1404  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1318)...(142)  
 <223> similar to gi3777604 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8420
tttttttttt ttaaaaagag aaacctttat ttacaacat gggagtccca caggagtaca      60
caaaacacac aatgtgcaca cacacaaaat gaacctttta agtcaatacc atgctgtgctc      120
ctggccgcgc gccaccctc agtgccctat ccgcaccacc atcacagtga cgttgtcggc      180
cgagccccgc tgcaccgcct tggtggccag cctgttgcag gctgcttcgt agcggggcgtc      240
ggctgcggac ttcccttccc ggggtctggat cttttcatcc tcgagacagg acaagatgaa      300
gttcacggct tcttctgggg taaagacct gaagagccca tcacaggcca acaaaatgaa      360
cctgtcattg ggggtcagct ggcagcgtct gatgtcgggc acagagggtg caccgcagcg      420
cttgactgac ccgtccccc tggagcgtga cacctctagc acgccccaaa cacgcccac      480
cctgacgttt cctccagcct tctgtatcct catccgctct tcatactgag ttggattatg      540
ctctttgctg aggtcttaagg ctgcatgttt ttgactctcc tcattataac gacacaagat      600
tgccccgacta tctccgaggt tggcaatata aagaatgttg tctacagcca gaacacacgt      660

```



ggcagtggac	ccatctttcc	aggcaggctt	ctggctggaa	gcttgtttaa	ggaactcttc	720
atcagtatgc	ttgaaagtgt	ccaaaaggca	tctcttcacg	gttttctcta	cactgattac	780
atctccttta	ggaaattttc	tgattaagtt	ttgatgcaaa	ttctgtgcag	caaattttga	840
ggctcgaatt	cctccatgtc	catcaaaaac	agcaaaatat	gaaacccgag	taatgagggg	900
cgatgggggc	ctacactcct	cggtgatgtc	gttcaggatg	acgtgggcat	cctgcatctc	960
ctccctctca	cccttccgct	cagccacata	gcccttcaga	ccaaagatca	ccgaagaggc	1020
tttacaaact	ttcttttcca	caagctcttc	actgccattc	ttctcttcct	cggaggtttt	1080
tctctttgct	cctttccctt	cagtctttac	catctgggat	attgatgtgg	caagagaacc	1140
tgaatcgcca	ctgctagcgg	gtgggagatc	atcaaaaagc	aaaggteccc	ctgatcctga	1200
gtcagtactg	ctggccggag	ggaggtcatc	aaagagcagg	ggtcctttct	gagcttcttt	1260
cccgccagcc	gggcgcgggc	agcgctcggg	ctccggcagg	tccccgaaga	ggtccatggc	1320
ggaggctggg	tggaggcggc	agcagcgaca	gacactcagc	ccgcgagcag	cggccgggct	1380
ccacgaaatc	gtcgacccgg	gaat				1404

<210> 8421

<211> 2211

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (106)...(2197)

<223> similar to gi500734 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8421						
ggaataagct	ggtcgacgat	ttcgtggggg	cgggcctatg	ccgggggtctc	acagcgactg	60
cgcggacggg	ttcctgagtg	gaacatggcg	acttgccgcg	aaatcctgcg	gagcgagttc	120
cccgaaattg	acggacaagt	cttcgactac	gtgaccggcg	tcttgcacag	cggcagcgcg	180
gacttcgagt	ctgtggatga	cctgggtggaa	gctgtagggg	aactattgca	agaggtgtcc	240
ggggacagca	aggatgacgc	gggcatcagg	gccgtgtgcc	agcgcatgta	caacactctg	300
cgtctggctg	agccacaaag	ccagggaaat	agccagggtg	tactggacgc	ccctatccag	360
ttgtcaaaga	taacggagaa	ctacgactgt	ggaaccaaac	ttccaggact	gctaaagagg	420
gaacagtcct	cgacagtgaa	tgcaaagaag	ttagagaagg	ccgaggctcg	acttaaggca	480
aagcaggaga	agcgctcaga	gaaggacacg	ctcaagacca	gcaaccctct	agtcttagaa	540
gaggcatcag	ccagccaggc	aggcagcaga	aaggagagtc	ggttggaatc	atctggcaag	600
aacaaatcct	atgatgtgcg	aattgagaac	tttgatgtgt	cttttggcga	tagagtactg	660
ctggctggag	cggatgtgaa	cctggcatgg	ggccgccgtt	acgggctggt	ggggcggaat	720
gggttgggga	agacaacgtt	actgaagatg	ctggccaccc	ggagtctgcg	ggttccagcc	780
cacatttccc	tgctgcacgt	tgagcaagag	ggtgctggag	atgacactcc	tgccctgcag	840
agtgtgctgg	agagtgcag	tgtgcgagag	gatttgctac	ggagggagcg	ggagctcact	900
gcccagattg	ctgctggcag	ggcggagggc	tctgaagctg	cagagctggc	agaaatctat	960
gccaaactgg	aggagattga	ggctgacaag	gcacctgcca	gggcatcagt	cattctcgct	1020
gggcttggct	ttacccttaa	aatgcagcag	cagcccaccc	gggagttctc	aggtggctgg	1080
aggatgaggc	tggccctggc	ccgggcccct	tttgctaggc	cagatcttct	gctgttagat	1140
gaacctacaa	acatgctgga	tgtcagggcc	atcctgtggc	tggagaatta	cctgcagacg	1200
tggccctcca	ccatcctagt	cgtctcccac	gaccgcaact	tcttgaatgc	catcgccaca	1260
gacatcatcc	acctgcacag	ccagcggcta	gatggttacc	ggggagactt	tgagaccttc	1320
atcaagagta	agcaggagcg	gctgctcaac	cagcagcggt	aatatgaggc	gcagcagcag	1380
tatcgccagc	acatccagggt	tttcattgac	cggtttcgct	acaatgccaa	cagggcctct	1440

caagtgcaga	gtaaactcaa	gatgctggag	aagctgcctg	agctgaagcc	tgtggacaag	1500
gaatcagagg	tcgtaatgaa	gttccctgat	gggtttgaga	agttctcgcc	gccaattctg	1560
cagctagatg	aggtggattt	ctactacgat	ccgaagcacg	tcatcttcag	tcgcctctct	1620
gtgtctgctg	atctcgagtc	tcgcatctgt	gtggttggag	agaatggggc	tgggaagtct	1680
accatgctga	agctgctttt	gggggacctg	gcacctgttc	ggggcatcag	acacgctcac	1740
aggaatctga	agattggcta	tttcagccag	caccatgtgg	agcagctgga	cctaaacgtc	1800
agtgtctgtg	aactgctggc	acgcaagttt	cctgggcggc	ctgaggagga	gtaccgtcac	1860
cagctgggtc	ggtatggcat	ctccggagaa	ctggccatgc	gtcctcttgc	cagcctgtct	1920
gggggccaga	agagccgagt	ggcctttgct	cagatgacta	tgccctgccc	caacttctac	1980
attctggatg	aaccacaaaa	ccacctggac	atggagacca	ttgaggctct	gggcccgtgcc	2040
ctcaacaatt	tcaggggtgg	tgtgattctg	gtgtccacg	atgagcgctt	tatcaggctg	2100
gtgtgccggg	agttgtgggt	atgcgaagga	ggcggcgcca	cccgtgtgga	aggaggattt	2160
gaccagtacc	gcgccctcct	ccaggaacag	ttccgcgcg	aaggcttcct	t	2211

<210> 8422

<211> 5961

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (215)...(2666)

<223> similar to gi5911943 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8422						
gaactcccgg	gtcgacgatt	tcgtgcagcg	tgtagtgcga	gtggggcgga	cgcgcgacgc	60
ccgcccggcc	ggcgaccagc	aaggagttag	catccttttg	aagagttcgt	gaaagctttc	120
tgcccagagc	tcctggacca	atgcattctt	ccaccacctt	aaaccactga	gcagttcaga	180
gccccagttg	cagacgactt	gtcctgccac	caccatgagt	tctgaatgtg	atggtgggtc	240
caaagctgtg	atgaatggct	tggcacttgg	cagcaatggg	caagacaaag	acatggatcc	300
tacaaaaatc	tgacttggga	agggagcggg	gactctccgg	gcctcgtctt	cctacaggga	360
aacccccagc	agtagccctg	cgagccctca	ggaaaccggg	caacacgaaa	gcaaaccagg	420
tctggagcca	gagccttctt	cagcagatga	gtggaggctt	tcttccagtg	ctgatgccaa	480
tggaaatgcc	cagccctctt	cactcgctgc	caagggtctc	agaagtgtgc	atcccaacct	540
tccttctgac	aagtcccagg	atgccacttc	ctccagtcca	gcccagccgg	aggtaatatg	600
tgtccctctc	tacctgggta	atactgacag	agggcaagaa	ggcactgcca	gacctccaac	660
acctctgggg	cctcttgggt	gcgtccccac	aatcccagcg	actgcctctg	ccgcctcacc	720
tctgaccttc	ccgactctag	atgatttcat	tccccctcat	ctgcagaggt	ggccccacca	780
cagccagcca	gcccgcgcct	ctggtctctt	tgccccattt	agccagacgc	caccatcctt	840
ctcaccacca	cctccgctgg	tccctctctg	cccgaggagc	ctccgcagag	tctcggagcc	900
tgacctcacg	ggagctgttt	cgagtaccga	ttccagtcct	ctactaaatg	aagtttcttc	960
ttcccttatt	ggaactgatt	cccaagcctt	tccatcagtt	agcaagcctt	catccgccta	1020
tccctccaca	acgattgtca	atcctactat	tgtgtctctg	caacacaatc	gagaacagca	1080
aaaacgactc	agtagccttt	cagatcctgt	ctcagaaaga	agagtgggag	agcaggactc	1140
agcaccaacc	caggaaaaaac	ccacctcacc	tggcaaggct	attgaaaaaa	gagcaaagga	1200
tgacagtagg	cgggtggtga	agagcactca	ggacttaagc	gatgtttcca	tggatgaagt	1260
gggcatccca	ctccggaaca	ctgagagatc	aaaagactgg	tacaagacta	tgtttaaaca	1320
gatccacaaa	ctgaacagag	atgatgatcc	agatctgtac	tctcccagat	actcattttc	1380
tgaagacaca	aaatctcccc	tttctgtgcc	tcgtcaaaaa	agtgagatga	gctgcattga	1440

tggtgagaag	gtagtcaaga	ggcggccac	actaccctc	ccagcccgt	cttcctcact	1500
gaagtcaagc	tcagaaaaga	atgactggga	acccccagat	aagaaagtag	atacaagaaa	1560
atatcgtgca	gagcccaaga	gcatttacga	atatcagcct	ggcaagtctt	ccgttctgac	1620
caacgaaaag	atgagctcag	ccatcagccc	tactccggaa	atttcttcag	agactcctgg	1680
atatatatat	tcttccaact	tccatgcagt	gaagaggga	tcagacgggg	ctcctgggga	1740
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<210> 8423

<211> 1583

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (207)...(1196)

<223> similar to gil397319 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8423

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tgccagcttg	gcagcccatc	cttacggctg	gcacgggtgct	acctattttc	ttcatcatcg	300
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tgtttatgta	ttatggactg	tctaatttct	atcaaaacca	tcgtcggttac	gtgaaatctc	540
gagatgatag	tcaactaaat	ggagattcta	gtgctttgct	taatcccagt	aaggaatgtg	600
aaccttatcg	aagaaatgaa	gacaaaccaa	ttgtctcttg	tggagctatt	gccaacagca	660
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aaccagttta	catgctggat	tctgacctag	ataataatgg	attcataaat	gaggatttta	900
ttgtttggat	gcgtactgca	gcattacctt	cttttcgcaa	gttgatcgt	cttatagaaa	960
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acattaccat	ttaattttat	attatgaaag	caaatcatct	gcatgtgcat	caaggccagt	1260
cctattcaac	ctagctttcg	aatgctgata	tctggttagt	atgtcatttt	gaagggggca	1320
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catatgaagc	tgtaaaaaaa	aaa				1583

<210> 8424  
 <211> 2799  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (125)...(1253)  
 <223> similar to gi4007163 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8424						
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<210> 8425

<211> 4210

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (43)...(743)

<223> similar to gi577291 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8425

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aagtgatcag	aagaggaccc	cagcaggtgt	gagccgtgag	ctgggaggtg	cttcagtagt	3060
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gccaaattgc	cctcccaagt	ggttttagtca	gcttaccctt	gccaacaata	gatctatcct	3360
tgccagcctt	gggcatcaca	tttaccagtt	taatagattg	taaaaccata	tcttaattgg	3420
ctaccctgaa	gccaccatac	tggagagggt	gcgtacagtg	tttcacgtag	agagagggat	3480
accagggagg	cccacctgct	ccaacccag	ctgcatgagt	cttcccagcc	caggcacaga	3540
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ccctcactgg	agtgacgtag	ggatcacggc	tactgaagt	ctctacctac	cggtcatt	4080
gatcttccca	ccacagcctc	ccaaatagct	gggagaaatg	tccctgtttt	aatgaatttg	4140
tcttcttttt	tgtcttgttt	gttttaatat	ctagtgtatc	aataaatttg	gatgatattc	4200
tttgactatc						4210





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<400> 8427
tttttttctg ttttgacaca tggataaact tttattgaca taccaaaggg aaaaaaacca 60
atattcactg aaggctgccg aatctatatt cctaagagta aagggtgtta attgactctc 120
cactcttaaa acactttgta tgaaatatag ctaggaatat acataaagaa ttcagattac 180
aaaactctcc aggaaatcga tagtgatcat ataatactgg aactacagtt aaaaacaaaa 240
caaaccaatc tttgaggatt cctaactgta gtttacttga cagtgcagat catctgtacc 300
aactttctat agcaagttgt aataggcaat tgtaagcaaa cagtatcaat ctgtgtaact 360
tgtaaaaatt catctgaagt tgtttgagc tgtatgacaa tggatgttat tcttcgggt 420
ctcccagcag ctctacaaaa tcagtgatat accatttggc gttatccttg acttggtgcc 480
tgatcacatt tctccaaat ccaatgaaag catccgattc cttcttcact gatgaccgtg 540
ctgtcaacat caaaacacac agcatctgct gagtagaaaa gcttcctcag ctctgagtgg 600
gagatcatcc ttggaagaat tttcctccca ggctcaggtg aggcgagtg gccgcgggg 660
ctgcagctgg cgctggccat tgagaagctt ctgcgctacc ttgcgatcgt gcccgccact 720
tccgcagga cgggaagtcg taaagctcct cctggtagct tataggcggc gccggccagg 780
cagaagcctg cggacaccca acagccactt tagctgacgc cagccaggga gcctgtggct 840
t

```

```

<210> 8428
<211> 2137
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (43)...(1313)
<223> similar to gill199524 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 8428
cccgaattt ccgggtcgac gatttcgtag attacaacgg tgatggcggg caagcggctcc 60
ggctggagcc gggcggtctt cctccagctc cttctcggcg tgaacctggg ggtgatgccg 120
cccaccggg cccggagtct gcgcttcgtt accttgctgt accgccatgg agaccgttca 180
ccagtgaaga catatcccaa ggacccttat caggaagaag aatggcccca ggggtttggg 240
cagttaacca aggaggggat gctacagcac tgggaactgg gccagccctt gcggcagcgc 300
tatcacggct tcctaaacac ctcttatcac cggcaagagg tttatgtgcg aagcacagac 360
tttgaccgga ctctcatgag tgctgaggcc aacctggctg gactcttccc tcccaacggg 420
atgcagcgtt tcaaccgaa catctcgtgg cagcctattc ctgtgcacac tgtgcccatc 480
actgaggaca ggctgctgaa gttcccgttg ggcccatgtc cccgttatga gcagctgcag 540
aacgagacct ggcagacacc agagtatcag aatgagagtt ctcggaatgc acaatttctg 600
gacatggtgg ccaacgagac agggcttaca gacctgacac tggagaccgt ctggaatgtc 660
tatgacacac tcttctgtga gcaaacgcac gggctgcgcc tgccgccctg ggccctaccc 720
caaaccatgc agcgtctcag ccggctaaag gacttcagct tccgcttctt cttcggaatc 780
taccagcagg cggagaaggc ccggcttcag gggggagtcc tgctggctca gataagggaag 840
aacctgacct taatggcgac cacctcccag ctcccgaagc tgctggttta ctctgcgcac 900
gacactaccc tggttgccct gcaaattggc ctggatgtct acaatggtga acaagcccc 960
tacgctcctt gccacatatt tgaactgtac caggaagatt ctgggaattt ctcatggag 1020
atgtactttt ggaacgagag tgacaaggcc ccctggccgc tcagcctgcc tggctgccct 1080
caccgctgcc cactgcagga cttccttcgc ctcacagagc ccgtcgtgcc caaggattgg 1140
cagcaggagt gccagctggc aagcggctct gcagacacag aggtgattgt ggcccttggct 1200
gtatgtggct ccatectctt cctcctcata gtgctgctcc tcaccgtcct cttccggatg 1260

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caggcccagc	ctcctggcta	ccgccacgtc	gcagatgggg	aggaccacgc	ctgacaacca	1320
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gctgctcccc	agcccatgga	caggagatcc	tgggttgggc	ctccctctga	tgaccccagc	1440
cagatgagcg	agtggggctc	agcgtggccc	atgggtgctg	tcactcagca	ttcccatgcc	1500
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atcacccaac	agccagccag	ccacatttcc	ctgtgtctgg	ctagagccac	cattagactc	1860
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tgtacttggg	agggagtggg	gagtgggtgg	aagggagtgt	cttgtcacac	gaatcaggaa	1980
actgctctcc	ctcagctggg	ctggggcttc	cagggacctg	agctacatgc	aggttgtgag	2040
ctggaaaaga	aagttctaga	ctgtggccca	gaatagggct	ggggcagctc	ccagagaatg	2100
aatagtgtcg	tttcctattg	gactgataaa	aaaaaaa			2137

<210> 8429

<211> 2366

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (153)...(1475)

<223> similar to gi2429516 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8429

tttcgtgagc	actcggggcg	cggcgtcctg	gagaccgcg	agagatggaa	gcggcggcga	60
cgccggcggc	tgccggggcg	gcgaggcgcg	aggagctaga	tatggatgta	atgaggccct	120
tgataaatga	gcagaatttt	gatgggacat	cagatgaaga	acatgagcaa	gagcttctgc	180
ctgttcagaa	gcattaccaa	cttgatgata	aagagggcat	ttcatttgta	caaactctta	240
tgcaccttct	taaaggaaat	attggaactg	gccttttagg	acttccattg	gcaataaaaa	300
atgcaggcat	agtgtcttga	ccaatcagcc	ttgtgtttat	aggaattatt	tctgttcact	360
gtatgcacat	attggtacgt	tgcagtcact	ttctatgtct	gaggtttaaa	aagtcaacat	420
taggttatag	tgacactgtg	agctttgcta	tggaaagtga	tccttggagt	tgtcttcaga	480
agcaagcagc	atgggggctg	agtgtgggtg	acttttttct	ggtgataaca	cagctgggat	540
tctgtagtgt	ttatattgtc	ttcttagctg	aaaatgtgaa	acaagttcat	gaaggattcc	600
tggagagtaa	agtgtttatt	tcaaatagta	ccaattcatc	aaacccttgt	gagagaagaa	660
gtgttgacct	aaggatatat	atgctttgct	ttcttccatt	tataattctt	ttggtcttca	720
ttcgtgaact	aaagaatcta	tttgtacttt	cattccttgc	caacgtttcc	atggctgtca	780
gtcttgtgat	aatttaccag	tatgttgtca	ggaacatgcc	agatccccac	aaccttccaa	840
tagtggctgg	ttggaagaaa	taccactctt	tttttgggtac	tgctgtattt	gcttttgaag	900
gcataaggat	ggtccttcca	ctggaaaacc	aaatgaaaga	atcaaagcgt	ttccctcaag	960
cgttgaatat	tggcatgggg	attgttacaa	ctttgtatgt	aacattagct	actttaggat	1020
atatgtgttt	ccatgatgaa	atcaaaggca	gcataacttt	aaatcttccc	caagatgtat	1080
ggttatatca	atcagtgaaa	attctatatt	cctttggcat	ttttgtgaca	tattcaattc	1140
agttctatgt	tccagcagag	atcattatcc	ctgggatcac	atccaaattt	catactaaat	1200
ggaagcaaat	ctgtgaattt	gggataagat	ccttcttggg	tagtattact	tgtgccggag	1260
caattcttat	tctcgttta	gacattgtga	tttccttcgt	tggagctgtg	agcagcagca	1320

cattggccct	aatcctgcc	cctttggtt	aaattcttac	attttcgaag	gaacattata	1380
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taggtacata	tataactggt	gaagaaatta	tttatcctac	tcccaaagtt	gtagctggca	1500
ctccacagag	tccttttcta	aatttgaatt	caacatgctt	aacatctggt	ttgaaatagt	1560
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gtaaaatata	ttgctatata	cataaaaatg	gtaacaaact	ctgttttctt	tggcacgata	1680
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ttaaccaaga	tatctctctt	ttatgctact	cttttgccac	tcacttgaga	acagaatagg	1920
atltcaacaa	taagagaata	aaataagaac	atgtataaca	aaaagctctc	tccagatcat	1980
ccctgtgaat	gccaaagtaa	actttatgta	cagtgtaaaa	aaaaaaaatc	tcagttatgt	2040
ttttattagc	caaattctaa	tgattggctc	ctggaagtat	agaaaaactcc	cattaacata	2100
atataagcat	cagaaaattg	caaacactag	gaattaattt	tacactctaa	atggtagttg	2160
atcttcatag	tcaagaggca	ctgttcaaga	tcctgactta	gtgtttcaat	gaaatttgaa	2220
aagggacttt	aaaacttatc	cagtgcactc	cccttgtttt	tcgtcagagg	aaaaggaggc	2280
ctagaaaggt	taagtaactt	ggtcgagacc	actcagcctt	gagatcaaga	aaacctaata	2340
tttctgactc	ccaggccagg	gatggt				2366

<210> 8430

<211> 1915

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (317)...(861)

<223> similar to gi3900855 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8430						
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catccaggat	gcggtcctga	agcgctgtc	gctgctggag	gacatcggtg	accggcagct	120
gaatggctta	tccaaatccc	ttgggctcat	tgaaggttat	ggtgggctgg	gtaaaggggg	180
ccttccggct	actctttccc	cggttgaaga	agaaaaggct	aagggacccc	atgagaagta	240
tggtacaaat	tcatacctca	gtgaaaaaat	ttcactggac	cgttccattc	cggattatcg	300
tcaccaccaag	tgtaaggagc	tcaagtactc	caaggacctg	ccccagatat	ccatcatatt	360
catcttcgtg	aacgaggccc	tgtcgggtgat	cctgcgggtc	gtgcacagtg	ccgtcaatca	420
cacgcccaca	cacctgctga	aggaaatcat	tctgggtggat	gacaacagcg	acgaagagga	480
gctgaagggtc	cccctagagg	agtatgtcca	caaacgctac	cccgggctgg	tgaagggtgg	540
aagaaatcag	aagaggggaag	gcctgatccg	cgctcgcatt	gagggctgga	aggtggctac	600
cgggcagggtc	actggcttct	ttgatgcccc	cgtggaattc	accgctggct	gggctgagcc	660
ggttctatcc	cgcattccagg	aaaaccggaa	gcgtgtgatc	ctcccccca	ttgacaacat	720
caaacaggac	aactttgagg	tgcagcggta	cgagaactcg	gcccacgggt	acagctggga	780
gctgtgggtgc	atgtacatca	gccccccaaa	agactgggtg	gacgccggag	acccttctct	840
ccccatcagg	acccagcca	tgataggctg	ctcgttcctg	gtcaacagga	agttcttcgg	900
tgaaattggt	cttctggatc	ctggcatgga	tgtatacggg	ggagaaaata	ttgaactggg	960
aatcaaggta	tggtctgtg	ggggcagcat	ggaggtcctt	ccttgctcac	gggtggccca	1020
cattgagcgg	aagaagaagc	catataatag	caacattggc	ttctacacca	agaggaatgc	1080
tcttcgcggt	gctgagggtct	ggatggacga	ttacaagtct	catgtgtaca	tagcgtggaa	1140

cctgccgctg	gagaatccgg	gaattgacat	cggtgatgtc	tccgaaagaa	gagcattaag	1200
gaaaagttaa	aagtgttaaga	atttccagt	gtacctggac	catgtttacc	cagaaatgag	1260
aagatacaat	aataccgttg	cttacgggga	gcttcgcaac	aacaaggcaa	aagacgtctg	1320
cttgaccag	gggcccgttg	agaaccacac	agcaatattg	tatccgtgcc	atggctgggg	1380
accacagctt	gcccgtaca	ccaaggaagg	cttcctgcac	ttgggtgccc	tggggaccac	1440
cacactcctc	cctgacaccc	gctgcctggt	ggacaactcc	aagagtcggc	tgccccagct	1500
cctggactgc	gacaaggtca	agagcagcct	gtacaagcgc	tggaacttca	tccagaatgg	1560
agccatcatg	aacaagggca	cgggacgctg	cctggagggtg	gagaaccggg	gcctggctgg	1620
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gtagagggag	ggagctgggg	cactggagcc	tggccccag	gacatggctg	ctcccccaa	1740
catctggacc	agctgccctg	gcggagagac	agcaaggggc	cggcaggtgc	tcgatgggcc	1800
ccccagggct	tctccagggc	agcacaggga	ccccggatga	agactctgtc	ccccctcagg	1860
cattcagctg	cccacaagtt	tctgcacccc	tggaaaagcc	ccccacact	gtatt	1915

<210> 8431

<211> 1816

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (398)...(987)

<223> similar to gi4416432 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8431						60
gcgccgctc	tggccccgtg	tccagtgcc	ggcaggcttc	agggcacogt	cctcgccct	120
gggcgaggga	accgccgggc	cggtcctcg	cgcggggaag	cggttccgaa	ggctcgcggg	180
gagcggctag	ccctgagtc	ctgcatgtgc	ggggctgaag	aaggaagcca	gaagcctcct	240
agcctcgcct	ccacgcttgc	tgaataccaa	gctgcaggcg	agctgccggg	cgcttttctc	300
tcctccaatt	cagagtagac	aaaccacggg	gatttctttc	cagggtaggg	gagggggccgg	360
gccccgggtc	ccaactcgca	ctcaagtctt	cgctgccatg	ggggccgtca	tggggcacctt	420
ctcatctctg	caaaccaaac	aaaggcgacc	ctcgaaagat	aagattgaag	atgagctgga	480
gatgaccatg	gtttgccatc	ggcccagagg	actggagcag	ctcgaggccc	agaccaactt	540
caccaagagg	gagctgcagg	tcctttatcg	aggcttcaaa	aatgagtgcc	ccagtgggtg	600
ggtcaacgaa	gacacattca	agcagatcta	tgctcagttt	ttccctcatg	gagatgccag	660
cacgtatgcc	cattacctct	tcaatgcctt	cgacaccact	cagacaggct	ccgtgaagtt	720
cgaggacttt	gtaaccgctc	tgtcgatttt	attgagagga	actgtccacg	agaaactaag	780
gtggacattt	aatttgtatg	acatcaacaa	ggacggatac	ataaaccag	aggagatgat	840
ggacattgtc	aaagccatct	atgacatgat	ggggaaatac	acatatcctg	tgctcaaaga	900
ggacactcca	aggcagcatg	tggacgtctt	cttcagaaa	atggacaaaa	ataaagatgg	960
catcgtaact	ttagatgaat	ttcttgaatc	atgtcaggag	gacgacaaca	tcagtgggtc	1020
tctccagctg	tttcaaaatg	tcagtgaact	ggtgacactc	agccattcag	ctctcagaga	1080
cattgtacta	aacaaccacc	ttaacaccct	gatctgccct	tgttctgatt	ttacacacca	1140
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ggaaccagc	atcatgtggc	tcagtctctg	attgccaa	cttcctcttt	cttctctctg	1260
agagagacaa	gatgaaattt	gagtttgttt	tggaaagcatg	ctcatctcct	cacactgctg	1320
ccctatggaa	ggtccctctg	cttaagctta	aacagtagtg	cacaaaatat	gctgcttacg	1380
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tttgggtggga	agaatgagag	ttatccagaa	caattaggat	ctgtcatgac	cagattggga	1500
gagccagcac	ctaacatatg	tgggatagga	ctgaattatt	aagcatgaca	ttgtctgatg	1560
acccaaactg	cccatgtcat	ttgtttccag	aaacgaggac	caataattct	ctcacactgg	1620
catttgtgct	ggtagtacaa	gtcctttaat	atgtccagga	agggagccat	tgcccagtgg	1680
tccatatctc	caccacatcc	cctgcttgag	cccagcgctg	catgtccctc	ccaagaagtc	1740
cagaatgcct	gcaaattgct	gtaattttat	accatgttgt	aaccaataaa	cagaactatt	1800
tcttacaaaa	aaaccc					1816

<210> 8432  
 <211> 1232  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (275)...(1141)  
 <223> similar to gi2108328 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8432						
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ttgcgctgct	tctatattatc	agtttgcttg	tttcaggcat	ttcacgtgga	ccagggtggat	120
catctgtgcg	tgcagctgcc	ttggccctct	cagttgcccc	cgccccgtgg	gagtcggggg	180
attccatcct	tcgatgatggc	atccataccg	ggttgagatt	tgaagacctt	gcttctcatc	240
acccactgga	ttatgcccc	ggctttccta	cccaatgatc	ctcttgcaac	acgccgtgct	300
tcctccacct	aagcagccct	caccctcgcc	tcctatgtca	gtggccacca	ggtctacagg	360
aaccttgtag	cttcaccac	agaagccttt	tgggcaggag	gcttccttgc	ctcttgtagg	420
ggaagaagag	ttatcgaagg	gaggggagca	agactgtgcc	ctggaggagc	tatgtaagcc	480
cctgtactgc	aaactctgca	atgtcacctt	gaactctgca	cagcaagccc	aggctcatta	540
tcagggtaaa	aatcatggta	agaaactccg	aaattactat	gcagcaaata	gctgtcctcc	600
tcctgctaga	atgagcaatg	tggtcgagcc	tgcagctact	ccagttgttc	cagtccctcc	660
gcagatgggc	tcctttaagc	caggaggccg	agtgatcctg	gccacggaga	atgattactg	720
taagctctgt	gatgcctcct	tcagttcccc	agctgtggct	caggctcact	atcaagggaa	780
gaatcatgcc	aagaggctgc	ggctggcgga	agctcagagt	aactcattct	cggaatcctc	840
agagctgggt	caacggcggg	ccaggaaaga	agggaatgag	tttaagatga	tgccaaacag	900
gagaaatatg	tatacagtac	agaataatc	aggctcctac	ttcaatcccc	gctctcggca	960
gagaattcca	cgtgatctgg	ccatgtgtgt	tactccaagt	ggccagtttt	actgctcaat	1020
gtgtaatgtt	ggagctggcg	aagagatgga	attccggcag	catttagaga	gcaagcaaca	1080
taagagcaag	gtgtctgaac	agcggtagag	gaatgagatg	gagaatctgg	gatatgtata	1140
gtgattatca	tattaagata	gagcagcttt	tcctgcctgt	tgtttgccct	ttgtcaactt	1200
gccctgcttt	gtggtctttt	tgatattgag	ac			1232

<210> 8433  
 <211> 1418  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (280)...(444)
<223> similar to gi53608 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8433
tttcgtcttc gctgtcggcg atttcgtgtc gcaggggggc gcctggccgg agctgggctc 60
cgagaatccc ggggtgccagc accagagcag cggctctccg cactaactct cctctcctgg 120
tcagctgtaa cccctgccgc agagcccggc aactttcagc tgctgcccgc ggagccccga 180
gggccactcg cctcacctgt gcgtgcagcg cctcgcgcgc cctgtccggc tgcggagatg 240
agcgagctta ataccaaaac atccccagca accaaccagg cagctggcca agaggaaaaa 300
ggaaaagctg gcaatgtcaa gaaggcggag gaggaggagg agattgacat tgatctgaca 360
gcaccagaaa cagagaaggc tgcccttgct attcagggca agttccggcg atttcagaaa 420
aggaaaaagg atcccagctc ctgaatggcc aggcttgccc ttcaccttca ccttcatgct 480
gggcccttct ctccccttct ccacacccat gtatctttat cccttgctcc tctagccttt 540
ccttgaggca aggtcaacct ttatatactc ttgtatctgg cccctcaag ccatcacaga 600
agtagaggca caagagaggt ggagaagatg aagacttcaa tcagcagtca ctagtctaag 660
ggtggaacaa tttcttcttg gtataaggtt ctttgatcag tagctatgcc tgccctgtag 720
ggctaaacaa gaggcttcga ggctgagaga tctcccaaaa gaacaatgtg ggaaggaggg 780
gaaggctttc agagtagggt gcctgagggt gggacatatg cactgttctg ctagttagcg 840
cattcacact ttaggtaaca ttttttttcc ccttcagatc cttctgcacc aactccaact 900
tcccctcca ggatctaagc cacagtgggg actggagcct cgttttcccc ctaggcagac 960
ctaaatcaag cagcttacca caatagtga tgctgagtag attagttcca aggaaggagg 1020
actggaatgc tgggtgtcaag gaaaagcctc cctcatcatc tagtctaaga ccataacggg 1080
cagaagcata agaggttcca gggccatagg agaatgagaa gtagggcaca tataggaggg 1140
aaagaaaagt gaagaagggg gaaatctctg aattttttta ctgctgggaa aagtgtacta 1200
catgaaggat gcttggggct ttgctaacct gctccccgct aaccctcaa gtttaaccat 1260
ccccagaggc cacacaaacc aagtgaactc tgtagttccc atttgccca ctatggagtc 1320
agggcaaaaag tggaaaagcc cctccatgtg atttttagcat gtttaatcat tttaacaata 1380
aaccccccca caaatggggt catttaacct ctaaaaaa 1418

```

```

<210> 8434
<211> 1073
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (352)...(882)
<223> similar to gi5823146 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8434
tttcgtgtgg aaaccgctag gccagcgtc gccgggacct ggaatccctg ttcgccgagg 60
tgggagccgg tggaccggtc cccagccgg ccccaacctc cgcttcccgg tgtttgaggg 120

```

ttcgggcctc	ccgcccggga	gttcacccct	cgggctcgtc	agtagggctg	tggtgtgcgc	180
ctcttcctgc	agcgccaggc	tccgcccggg	ctcacagtcg	gcttaggggc	tttgctgca	240
ctgcggttgg	gtggaaaaac	ccactcctgg	ttgttttagac	gttggcctgc	agacgatgtc	300
atttctgtat	tcctctaagg	caggaagtca	ttatgcaact	tacacatatt	catcagattt	360
cctctgactt	acccggacat	gtacatggga	atgatgtgca	ctgccaagaa	atgtgggatt	420
aggtttcagc	ctccagctat	tatcttaatc	tatgagagtg	aaatcaaggg	gaaaattcgc	480
cagcgcatta	tgccagttcg	aaacttttca	aagttttcag	attgcaccag	agctgctgaa	540
caattaaaga	ataatccgcg	acacaagagt	tacctagaac	aagtatccct	gaggcagcta	600
gagaagctat	tcagtttttt	acgaggttac	ttgtcggggc	agagtctggc	agaaacaatg	660
gaacaaattc	aacgggaaac	aaccattgat	cctgaggaag	acctgaacaa	actagatgac	720
aaggagcttg	ccaaaagaaa	gagcatcatg	gatgaacttt	ttgagaaaaa	tcagaagaag	780
aaggatgatc	caaattttgt	ttatgacatt	gaggttgaat	ttccacagga	cgatcaactg	840
cagtccgtg	gctgggacac	agagtcagct	gatgagttct	gataccaaac	actcaaaaca	900
tgcattgggc	tagcagaata	tccatgttta	ttaccagact	ggttctggaa	gaagctgtaa	960
agaatactaa	atatgttggg	ttatagggga	ttgaccatgt	tacttttcaa	aaccagcact	1020
ttgggaggct	taggcgggtg	gatcacctaa	gggcaggagt	tcgagcccag	cct	1073

<210> 8435

<211> 3379

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (127)...(1340)

<223> similar to gi4580013 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8435						
tttcgtggtg	ggggcagcgg	gcgcggggcg	ggcgcgggga	ccgcgccagc	ctgtcactaa	60
tgtctccctt	tgtgtctccc	ccatctcatc	cttttccccg	gcgcgcgggg	cccgccgacc	120
ccacaggaag	gcctggacga	cggcccggac	ttcctctcag	aagaggaccg	cggacttaaa	180
gcaataaatg	tagatcttca	aagtgatgct	gctctgcagg	tggacatttc	tgatgctctt	240
agtgagcggg	ataaagtaaa	attcactgtt	cacacaaaga	gttcattgcc	aaattttaaa	300
caaaaacgag	tttcagttgt	tcggcaacat	gaggaaattta	tctggcttca	tgattccttt	360
gttgaaaaatg	aagactatgc	aggttatatc	attccaccag	caccaccaag	acctgatttt	420
gatgcttcaa	gggaaaaaact	acagaagcctt	ggtgaaggag	aagggtcaat	gacgaaggaa	480
gaattcacaa	agatgaaaca	ggaactggaa	gctgaatatt	tggcaatatt	caagaagaca	540
gttgcgatgc	atgaagtgtt	cctgtgtcgt	gtggcagcac	atcctatttt	gagaagagat	600
ttaaatttcc	atgtcttctt	ggaatataat	caagatttga	gtgtgcgagg	aaaaaataaa	660
aaagagaaac	ttgaagactt	ctttaaaaac	atggttaaatt	cagcagatgg	agtaatcggt	720
tcaggagtaa	aggatgtaga	tgatttcttt	gagcacgaac	gaacatttct	tttggaatat	780
cataaccgag	ttaaggatgc	atctgctaaa	tctgatagaa	tgacaagatc	ccacaaaagt	840
gctgcagatg	attacaatag	aattgggtct	tcattatatg	ctttaggaac	tcaggattct	900
acagatatat	gcaagttttt	tctcaaagtt	tcagaactgt	tcgataaaaac	aagaaaaata	960
gaagcacgag	tgtctgctga	tgaagacctc	aaactttctg	atctttttaa	atattactta	1020
agagaatctc	aagctgctaa	ggatctcctg	tatcgaagg	ctaggtcact	agtggattat	1080
gaaaatgcta	ataaagcact	ggataaagca	agagcaaaaa	ataaagatgt	tctacaggcc	1140
gaaacttccc	aacaattatg	ttgtcagaaa	tttgaaaaaa	tatctgagtc	tgcaaaaaca	1200
gaacttatag	attttaagac	aagaagagtt	gctgcatttca	gaaaaaattt	agtggaaactg	1260

gcagagttag	aactgaagca	tgcaaaggg	aatctacagt	tgctgcagaa	ctgcctggca	1320
gtgttaaatg	gagacacata	agccacactc	cgccttcctg	ttaaaaagg	ctgccttcct	1380
tcaaatttta	tttttgtttt	cttaatgatg	ttaagcattt	atgctcactg	gaaacaaaca	1440
aaaagcagct	gaaaaagtgc	atcaactcct	ctttttctga	gaaacatgga	gcagcgcacg	1500
cccaggcgat	gccagtctgt	gtgccgtgat	gccgcactgt	gttccccatg	acagtgggtcc	1560
atcatcgtgc	actcgtcata	ctcagaagtc	caaagttcat	tcttctttaa	agtagcctct	1620
ataactctgt	ttattttata	aatagtattc	cttatggctg	ccactcttat	ttacctttaa	1680
ataatttctg	aaatttaacc	ttttcagaat	gcattgttga	aacaagataa	agattgcctt	1740
ttttgaattt	tttaaatttt	gtttttaaaa	gcatatacca	ccttagttca	ttcatgtatc	1800
ctggtaaagc	atcttaatac	gacttatttt	taattactga	atatttctta	gacgttttgg	1860
gacagatttt	atgtaatctt	tataagtatg	atttctgaag	aaaagcaa	gcattagtat	1920
gtttgcctta	aacttgtaga	ctaaaccaag	tattgtaaaa	taaacagcga	taacagtgat	1980
agtttttaac	tctatgggtc	ttgtatcact	ctggaaaatg	tggagtagct	gtaataaatc	2040
tactcctgta	ttatgcttta	cagtgcaggt	cttagttttt	cttttttctc	atttcttttg	2100
aaatggcatc	tcgaacaaag	tccaccaatc	cctttacaaa	agaatgaact	gctcctctgt	2160
gtgtacttca	tagaagggtg	aatcggacag	aggcagggtta	gtgacagtta	ttcctgaaat	2220
acaggagcag	agtacagtct	gttggtggtt	cccggattcc	gcgcctagct	cagccaatta	2280
agcatgagac	ataggccatt	gagccactta	gtagttagtc	gagtggatag	attggtatgt	2340
agagggaaag	aggtctgctg	taaagaacaa	cacttgtttg	tctgtgggga	aagaaaagca	2400
gaatacttga	gatgaaagtt	ggcatatacaa	taggatacta	tcgccagtag	ttatattaca	2460
aacattatcg	gcctttctag	tgtgaatgaa	cattagacac	attattgtca	ttcctagtgt	2520
aaagttaagg	ttgctgtggt	ggatttttcc	actatctttt	tctaattttt	ctaccatttg	2580
gagaccgtag	gcatttgggc	ctgtcacccc	ttggatgggt	tcctagtgtg	tttacatttt	2640
cctgaaccct	cctgagcgcc	cgttcttggt	ctaataccca	gtcgtgatga	ttccacactt	2700
cctcagccgc	atgttgtctt	gcctcattca	tgagctggtc	agcgtttcgt	ctctttaact	2760
gacatgtttc	ccagtgtctg	ttgaactggt	gagtttcctg	tgctggctga	gtgcgttttg	2820
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gctggaccga	gagccctagc	ttctggatcc	aggtctaggc	ccttcacatg	ctgctctgtg	2940
gcccagggca	gggttgcttg	acctctgcct	cagttctcga	ctctaaagga	catactgacc	3000
tacctcacag	gggtgtttg	aggattaata	aatgttggtg	ctctgctttg	gaaatgtgaa	3060
aatgctgtgt	aaatgttaag	aaataactaag	tatagggcc	gaagctatac	agtgtttcac	3120
ttaaccgttt	gccattctgt	atttaccag	gtggtctttt	ctgggggaag	gaagtagagt	3180
ggaaggtgca	tcccttggcc	cctggtttac	attattaggg	tgcttattgt	aggaatgcac	3240
tctaaaaagt	gggcgtagaa	tgaaagcagc	cgtccagtgg	tcctcccttt	tctgtagttt	3300
cacttttctt	gcttcaagtt	acagcagtc	cctgaaatct	gaaaatacta	aatgaaaaac	3360
tccagaaaca	aaaaaaaaa					3379

<210> 8436

<211> 2432

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (37)...(720)

<223> similar to gi217576 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8436

gacgatttcg tgcggtgcgg gcctcagtct gcggccatgg gggcgccgc gcggctgctg

60



cgagcgggtga	tcatggggggc	cccgggctcg	ggcaaggggca	ccgtgtcgtc	gcgcatcact	120
acacacttcg	agctgaagca	cctctccagc	ggggacctgc	tccgggacaa	catgctgcgg	180
ggcacagaaa	ttggcgtggt	agccaaggct	ttcattgacc	aagggaaact	catcccagat	240
gatgtcatga	ctcggtggtg	ccttcctgag	ctgaaaaatc	tcacccagta	tagctggctg	300
ttggatgggt	ttccaaggac	acttccacag	gcagaagccc	tagatagagc	ttatcagatc	360
gacacagtga	ttaacctgaa	tgtgcccttt	gaggtcatta	aacaacgcct	tactgctcgc	420
tggattcatc	ccgccagtgg	ccgagtctat	aacattgaat	tcaaccctcc	caaaactgtg	480
ggcattgatg	acctgactgg	ggagcctctc	attcagcgtg	aggatgataa	accagagacg	540
gttatcaaga	gactaaaggc	ttatgaagac	caaacaaagc	cagtcctgga	atattaccag	600
aaaaaagggg	tgtgggaaac	attctccgga	acagaaacca	acaagatttg	gccctatgta	660
tatgctttcc	tacaaactaa	agttccacaa	agaagccaga	aagcttcagt	tactccatga	720
ggagaaatgt	gtgtaactat	taatagtaag	atgggcaaac	ctcctagtcc	ttgcatttag	780
aagctgcttt	tcctaagact	tctagtatgt	atgaattctt	tgaaaattat	attactttta	840
tttctactga	ttttattttg	gatactaagg	atgtgccaaa	tgattcggat	actaagatgc	900
atcgtttgaa	atcatctagt	gtgttgtagt	cagttatcct	caaaaacatc	agcgatgtct	960
gaacctttta	aacatctggt	agagcaaaat	taaaagagca	tttggtagta	atctaacttt	1020
ttgttcagtt	aataagtggg	tgataaagtt	tccatatttt	tctggaaaag	ttaaaaaaag	1080
ttacatgtca	tttggagaaa	atacgtaatc	agaaatttgt	gcatagattg	atgccaaaaa	1140
agacatttcc	agcattgtgg	aacatgggtg	gacactatat	aaaattccag	aaagaaagca	1200
actggattta	cagattttatt	gtgagacaca	aattcactgc	tgcctttaca	ctaagaaatg	1260
tatatgttaa	ccatatatgc	tgtattttatt	ttgtcgttaa	gcatactttc	agtttactca	1320
gaattttcaa	tttgctataa	agatgtatca	attagcatat	agaaaaatat	tactttaaga	1380
tgacttgttt	cctttgaaaa	tacctgtgta	ctgaggggtta	tgatttggtg	caaaaattga	1440
cataagtgtc	tttacaagca	ccaaagttga	atgaattttc	aacaaaatgt	aattaaagtc	1500
tatgttttca	gttatgactc	aggttaagaa	atgtgtttta	ggatctactt	gctgggtttt	1560
ctttttgatc	caaatgtgtg	atctgccctg	ataaataaca	agttatagta	ccatctcccc	1620
cgccaataaa	aaagagaaga	aaaaagagaa	acccgtggca	ctatgtaa	aaagtaagca	1680
tactttgttg	ttagtaaata	gatgaggcat	gcctgggaaa	tgctcccttg	gcataaatag	1740
caatcaatta	taattagtaa	acagggtgtac	caataaaaaag	aatttacatg	ataggttaac	1800
aaggaccagg	aaagtgtggt	tcctgaagga	gttctttgtt	cctgatcaaa	gaaattgata	1860
cctgttagca	ttcactgcc	ccatatttta	aggagaaaga	actctattgg	tgctcgtctga	1920
gcagccattt	aaaaattgga	atctaaagga	tggttgctga	tgtactgtgt	ggtctggtag	1980
aagtggggaa	atatgagaga	tggaggaaaa	acttgattat	gtcttccatg	gcataattac	2040
tcttacttta	cttcgtgcc	aatcaaatga	aacaagccgt	cttacaagtc	gttattgcct	2100
ttaaaaatct	gttccgtttt	ttttccagg	tacttaaaat	acaagtgcc	gtaagtgggt	2160
cttatgtgtt	ttggggggaa	aattttattt	cccttttctt	ctgatattta	aaaaattcat	2220
cgatctttca	agatgaacca	aggtttttta	aaagaattat	aggaaacact	tcattcttta	2280
taaaactttc	tataatgcc	ttaatgtgga	atgggttaacc	ttatgtgcct	ttcctaaaaa	2340
atgttgtgaa	ataccaaact	tatggattat	cactagggtta	tcaagcatat	attagtcttt	2400
atcagaataa	aatgaaattt	cataaaaaaa	aa			2432

<210> 8437

<211> 1095

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (242)...(965)

<223> similar to gil669685 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8437
gcgggccgctc caacatcaga atggaggatg aggagcattt aggtaagtag agggcctag 60
gccgcattac tgtagcttga catatgtctt ttcttctctc taggaaaata tagtgctata 120
ccaaaagggc caagcctctg tttaaagtc tgaactttgga tcaagctgtt atgaacacca 180
gaaagtatac acgtacatcc aaagccggtt ctaccgatcc ccagaagtga tcctgggcca 240
ccccacgac gtggccattg acatgtggag cctgggctgc atcacggcgg agttgtacac 300
gggctacccc ctgttccccg gggagaatga ggtggagcag ctggcctgca tcatggagg 360
gctgggtctg ccgccagctg gcttcattca gacagcctcc aggagacaga cattctttga 420
ttccaaagg tttcctaaaa atataaccaa caacaggggg aaaaaaagat acccagattc 480
caaggacctc acgatgggtg tgaaaaccta tgacaccagc ttcttggaact ttctcagaag 540
gtgttttggt tgggaacctt ctcttcgcat gaccccgga caggccctca agcatgcttg 600
gattcatcag tctcggaaac tcaagccaca gccaggccc cagaccctga ggaaatccaa 660
ttcctttttc cctctgaga caaggaagga caaggttcaa ggctgtcatc actcgagcag 720
aaaagatgag atcaccaaag agactacaga gaaaacaaaa gatagcccca cgaagcatgt 780
tcagattca ggtgatcagc aggactgtct ccagcacgga gctgacactg ttcagctgcc 840
tcaactggtg gacgctccca agaagtcaga ggcagctgtc ggggcggagg tgtccatgac 900
ctccccagga cagagcaaaa acttctccct caagaacaca aacgttttac cccctattgt 960
atgacctttg ctgagggtat gtctgtctcc ttccaccag tgatttgtat taagacagca 1020
cttatattgt acaatacttc agactgtttt ttttaaatac ataaaacttt atgttaaaaa 1080
actctaaaaa aaaaa 1095

```

```

<210> 8438
<211> 977
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (736)...(230)
<223> similar to gil154645 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8438
tttttttttt ttgaaaacaa aggcattctgc tttatttgtt ttcagacagt agcgcatact 60
ttgttttcta aacacgtggc agccccaggc tcaggggcat atgcaggggc ccagcaggaa 120
acggcagggc acagtggctg tggteccatg attgggtccct tcttcagggc tccaagtcac 180
tgccagggca gggaaatgat tctgtctctc agcccttggt ggcggcgctc acgcagcgct 240
ggtatgcctt gaccaggctc gagcacagca gcacctcatg cgggcgatct cggtagcagt 300
ggagaatctg ggctgcaac cctgagcaga cgggctccac cctgcggggc tttattgtgc 360
tctccatctt tgaggctgcc tcatggaatt gctctgaaga cagtttatac atctcagcat 420
tcttctctc aatacgtctc agctgtctct tgtagaaggt gtcacggcgt cttagctctg 480
cctctctgct ctccagctcc ctggccagcc ggactgactt ctgctctca tggctgatgc 540
tgccctcgcc cgtgggcagg gatgccttgg agtgcttggg ggcagcctct ctttccctct 600
ttgccacctg gaagagctta tcttgatag cagcatgtct ctgttcatac ctcttgacac 660
cctccttcat ccttgagggc tgcgtggccac cactgtctcc cgacctgggc agtgtggatt 720
ctttgtgagg ggctctcaag ttgccatctt gaaggccaaa ggtagaagat gtgggagcag 780
ggggtggaga gctgggctcc tcatgcgggt tcaccacgtt ttcagacagc cggacaccct 840
gcagcaccgc gaccgctcc tctcgtcca ctccgaagga caccctgcgg ccctcgctgc 900

```

tctccgtgct	cccatggcg	agatgccgca	gggccggcag	ccaccagacc	cgagacccgg	960
ctccagagca	accgggc					977

<210> 8439  
 <211> 1723  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1596)...(992)  
 <223> similar to gi4586930 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8439						60
ttttttttaa	aatgatagca	atttactata	acaaccataa	aatcatcagg	ctactgacag	120
ctggagaaat	tccacatgct	aagcaactca	actccaaaga	aatattagag	gtttgagatg	180
aaaaatacac	ttgaacctgt	aattgaatta	gacaagcctc	actgcacgta	gggctacagc	240
ggtcaccagg	acacaaagca	aatgtcgggt	taccagaagt	gcagttatca	gccatcagtg	300
atattattgga	gtgcctttta	ataaatacca	agtgtacatc	caactggatc	cccacagtcc	360
aaaagtgggc	aggtccccct	aagaaattta	caagcacttt	aagtaaattc	aaaatacata	420
ttattttgtt	caatcccaac	agtccttctc	gcgggagggg	cagaaggcct	agtgataaac	480
agagtctcag	taatgcacag	tgattctgat	tgaagctttt	gtacaaaaac	ttgttcccag	540
tagcatgcac	ccaccaataa	agacttcagt	acaaaaaatt	aaccctaagc	actacattta	600
agtagaaacg	agatataatt	ctgaatgtgt	tttcccaaag	atcacataaa	agaaaaaaaa	660
atcaaaatca	aataaacaac	aacaaaaaaa	acaaaaccac	acagtaatac	aaagctttgt	720
aagaaagctc	ttactattac	agctccaaca	ttgtttgcac	tgaaaacaaa	agttcccac	780
tatgatgagg	tgggaaaaaa	tcccaaatct	ttcaagttaa	cagaaatcaa	caagggaata	840
aaatgagaga	taaaagagag	cgtgggagag	aggaaggggg	gcaggaagaa	ctgggatggg	900
aagatggaca	acataccatc	acaaaatggt	tccaaattta	ataaaaatag	gaaaaataaga	960
accgaggtct	ggaggggttg	gcagggctac	cgatgcactt	ggtgaatgtg	cttgcacagg	1020
tcccgcgggg	cggcagggcag	caggccccta	tgtggcgtag	cgcttggtcc	actgtctggc	1080
catccgggtc	tgtctctgct	tggttggtcat	gtactgtgtg	gcgatgctgc	ccaccagagg	1140
gtcagcaggg	ttgcaatctg	taagaagtga	gcagatggag	aggagaactt	tagaaatagt	1200
taaagccgga	ctccagttgt	cctttaagat	gtccagacag	atcacacctt	ggctgttaat	1260
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actgtcatca	actctttgtg	cctcagtgga	catttttagat	ccctcagcgc	cgccgctgcc	1680
gccgcccccg	gccgttccag	ctccggctcc	tgaggctgct	gcccgcggct	gtcgctgtgg	1723
ctgcccctga	gtcctggaaa	gtgcggacgc	gtgggtcgac	acg		

<210> 8440

<211> 4928  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(4929)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (4597)...(4037)  
 <223> similar to gi4884386 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8440
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gccacatctt ctccaaagga acccacccaa gcccggtgtg aggcttgctg cagggctgtc      120
ttcggcgttt aaagtgtctac tgaggaatac aatcattgtc acgtaagttc atcaccgcac      180
tccagcggtca ggccaaacct ttccgtggac ctggaaaaacc tgccattttc ttctcttttt      240
acaatgcagt ttcgacataa cattggtaga gtaaacacaa aaccacaagc ctaaattgatg      300
aatggtgctg tgctgcccag ctgctaactg agagaacgag gcagtgtatt gtgtttcgaa      360
tgcaaacggg catggaccca agttaacctg agtttgctct gcaggattcc gcgggggcct      420
tgccctgtgc aggctgcttt ggtcttcgtg tctaggccgg tttggggcag tggggagagg      480
gcctggcagc aggggtttacg ccagccccga ggtctgtttt ccgtcagaca gagatacgtg      540
tcctgccttc caccatccac caatttgtac tctgaagttt ccagatcaag agccgtgaga      600
ttactacca ggaacacct gccttcggtg gccagcagtg taaattaatc tttccctctc      660
tgctcaaagc aactttgcaa ctctcgtcta tagaggtggc cagtaaaacc caagcaaaaa      720
tctaaacggg caccaggtgg ccactgagtg gcgactggtc gagtagcagt tggtcataag      780
ggatcagggc tggttttgaa ctccagactg aaacttgacg aaaataaagt gctctgtcaa      840
aactctcaca gcagggtttc agctggaaca aggagatggc tactttttgt tattgtctaca      900
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ctcctccaca aagaacagag gcacctcctt aaacaaagca aacggggaag ggttgcaagc     1020
tcattaaaaa caacatgagc acccagttcc agagatacag acacaattaa tcttagtgtt     1080
catgaggaat tgttttttaa acacaactgg gcaaaaacttt catccagaca aaagccaaaa     1140
acaaaagccc tcaagccaca aaagcttgta gaagaggtga ggcgataaag gtgatttaca     1200
catcagtatt ttagcattt ggtggataat cttaatttat ctttaacctt cacaacattt     1260
actttgtcat aaatacccta caccatgaaa aaacaaacct gtataaaaca gcttggaaaa     1320
caaacattca cagtatcaat acagcccatt tctcacgggg ctaccctga agctagccga     1380
cgtgttgggc tttgcctttg cttcataaac tccctcccat gttggtgttt tctgtaactt     1440
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cccctctgtc ccaaaagact agcagtgatg cctgactttg gggacagaaa cttggtagta     2160
ttcacatggt ttgaaactcc aggtgctttt tttaaatga ttaaaactgg aatataattt     2220
ttaaaaaaaa agcagggttg aaaagtcatt ttaaaagtcac ttgataattc ctggaacacc     2280

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aaagaaaaaa	atcctataat	tttggttttc	atataggttt	ttactaaaaa	agaaaaaatc	2460
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aatgatgact	gctctttgac	cagcatgtct	actggaagt	gcacattcag	aagtgaagtc	2820
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aatcagagct	cagcgggacg	cctcccacgt	cgacgcgagg	ttggctcttca	agcagtgaca	4860
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ggcaggat						4928

<210> 8441  
 <211> 1087  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (151)...(749)  
 <223> similar to gi4235148 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8441
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cctgcgcgag tggagctctg aagaagctct gagcggagtt gtgttcttcc ccaggtgcgt 120
cctggctgag agttggagct ctccagcaac atgcctgagc agagtaacga ttaccgggtg 180
gccgtgtttg gggctggcgg tggtggcaag agctccctgg tgttgagggt tgtgaaaggc 240
acattccggg agagctacat cccgacggtg gaagacacct accggcaagt gatcagctgt 300
gacaagagca tatgcacatt gcagatcacc gacacgacgg ggagccacca gttcccggcc 360
atgcagcggc tgtccatctc caaagggcac gccttcatcc tgggtgtactc cattaccagc 420
cgacagtctt tggaggagct caagcccatc tacgaacaaa tctgcgagat caaaggggac 480
gtggagagca tccccatcat gctgggtggg aacaagtgtg atgagagccc cagccgcgag 540
gtgcagagca gcgaggcgga ggccttggcc cgcacatgga agtgtgcctt catggagacc 600
tcagccaagc tcaaccataa cgtgaaggag cttttccagg agctgctcaa cctggagaag 660
cgcaggaccg tgagtctcca gatcgacggg aaaaagagca agcagcagaa aaggaaagag 720
aagctcaaag gcaagtgcgt gatcatgtga aggcccttcc tgcgggagga gcagctgtgt 780
gtccccggca cctcactccc ccaaaatgac acccaccgtc gtcagggtag catgtataat 840
gcccacgtgt taaacattgc atttaatcga gatgcgtcct attgtcctta agagggcggt 900
tcacaccacc aacagtaagc caccactctt ggagtcacag aatctgccag gcggttcaag 960
tgaaaaccaa cacactcagc atccctggga actgagaggt gccagcaatt gctgaagggt 1020
gcgatgaaca cccgaagggt ggagggagga ctggtaccca caaagcaaca tgtaccgaga 1080
ggactac
  
```

<210> 8442  
 <211> 886  
 <212> DNA  
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(887)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (791)...(127)
<223> similar to gi2440074 in the genepept database release 114,
  Run with FASTXY 3.3t00, default parameters
  
```

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<400> 8442
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acataaatat ctggggaggg aaggggagtg ggatggggtg ggggcttggc ccctacctcc 120
tcttctcttt cacactgtat tgtaaaagca aaggggatgg cttgccgaac cagcgggaga 180
gccatatctg cttcattgtc atgtgatcag ggagaacttc attgtcaaaa aggagctgca 240
catgctgagg gtttagcatc aagcggtgac acaggacctt ccggagatgg cgtacctcag 300
  
```

ctctaacaga	acatcggaca	tacttgttct	gcaggacgct	tttattcttg	tctttgccag	360
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gctgggtgac	ccggtccaaa	cctcgggact	ggtagaattc	ccgaatccgt	ttctcttcac	540
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ggttgagcag	tggctgtgtc	tcgtggatct	taatgttgca	catggggcag	tacttgctag	660
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tggcatccac	gaagtagccg	gcgcataggc	agcaacaat	gtgttcattc	aagtctttga	780
tcttcaactc	aacctctctc	tgacctctct	ttcccagggg	agactacaca	acgtcggcga	840
cacaacgcgc	aggcggaatt	ccaccgcntg	gactaatgtc	tacaat		886

<210> 8443  
 <211> 1939  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (188)...(1941)  
 <223> similar to gi5059429 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8443						
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ggaaggggaa	gcggcggggt	agtaacagat	tatgggcaac	agtcctttta	attaatctac	180
cgatcatcat	gctaattgag	actgtcccaa	ggctgctgat	agtccttttt	catcagataa	240
acatgcccaa	ctcatcttgg	cccaaataca	taagatgaga	aatggacagc	atttctgtga	300
tgtgcagctg	caagttggac	aggaaagttt	taaagctcat	cggctggttt	tggctgccag	360
cagtccctac	tttgcagctt	tgttcactgg	aggaatgaaa	gagtcctcaa	aagatgttgt	420
accgattcta	ggaattgaag	caggaatctt	tcagataact	ctagatttca	tttacacagg	480
tatagtgaac	ataggtgtga	ataatgtcca	ggagttgatt	attgcagcag	acatgctaca	540
gttgactgaa	gttgttcatc	tttgcgtgtg	atttctgaaa	ggacaaattg	atccactgaa	600
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gtatatagaa	ggagtatccg	attttaatct	tcgtgttgca	ttgcaaacac	ttctgaaaga	960
gtactgtgaa	gtatgcaa	ctcccaaaga	gaacaagttt	tgtagttttc	tgcagacatc	1020
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tccccgctgc	ggcttaggag	tgtgtgtgtg	ttatggggct	atctatgctt	tgggtggatg	1380
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aatttatgta	attgggggca	tcagcaatga	aggaatagaa	cttcgttctt	ttgaagtcta	1560
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tggaggtcga	tcttccagcc	atgatttttt	ggctccaggt	accttggaact	cagttgaagt	1860
ttataaccct	cattcagata	catggacaga	aattggtaac	atgatcacca	gtcgttgtga	1920
agggggcggt	gctgtgcta					1939

<210> 8444  
 <211> 2054  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (306)...(1886)  
 <223> similar to gi5281316 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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aagacatggg	ccctcccattg	ggccatttgc	tccctggagg	ccctcgctgc	ttgctgagcc	240
cggggagttta	ggatgacgcg	agcggtgagg	gagcccgga	cgattccttc	gcggaacaat	300
tgaggcgagg	cctttgggag	tactttgtgg	gacggaccct	ggcggggcct	gccagacgca	360
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tgggcactga	ggccccactcc	gaggtcacat	ttgacatgga	gatccttggc	atcatctcca	720
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ggagagtctg	cactaaccct	gtggaccgga	aggtggagga	ggagctgagg	aagctgtttg	1140
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tcgatttccg	aatccgttgt	ggaatgaaac	acggttacgc	ccccagtgc	ttgccggtca	1380
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ggaaaccagc	ttccagcaag	tacaagctca	aggtcagcct	tcagacactg	agggactctg	1560
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gcacagaacg	ggatgggtgg	tgccctcccca	agaccagcga	cgagctcagg	gacaccatgt	1740
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aggetgatgg	cggaaaagag	cagctgacgt	acgagctctg	ggaagacgag	gaggatgagg	1860
aggaggagga	agaggaggag	gaggacttca	agccatccga	cggcagtgaa	aacgaaatgg	



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agacagagat tctggactac gtgtgacagg gcccaggct gggcctccct gacccggcca 1920
gactggtgtc tggcctaata agggagccgg ggctcccat tgccaccac agtgcccga 1980
atggccctag gagccctct gagagagct agagtcccag caaagggtgc agctgacct 2040
agcactggct gtga 2054

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<210> 8445
<211> 2564
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (102)...(1619)
<223> similar to gi3090421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8445
tttcgtgctg tcggctcggg tcggctcggg tacagggcag gcgccggggc caaggcaggg 60
agggatctta ggagagatcg taggacatct gaagagctgc catgtctggg gcatcttcct 120
cagaacagaa caacaacagc tatgaaacca aaaccccaaa tcttcgaatg tcagagaaga 180
aatgttcatg ggcctcctac atgaccaact ccccgactct gatcgttatg attggtttgc 240
cagcccgggg taaaacctac gtgtccaaga aactaacacg ctacctcaac tggattggag 300
tccccaccaa agtgtttaat cttgggggtgt atcggcgtga agcagtcaag tcctataagt 360
cctacgactt ctttcggcat gacaatgagg aggccatgaa gatccgcaaa cagtgtgctc 420
tgggtggcgct ggaagatgtt aaggcgtatc tctactgagga gaatggtcag attgcggtgt 480
ttgatgccac caatacaacc cgggagagga gggacatgat tttgaacttt gctgaacaga 540
attccttcaa ggtattcttt gtggaatccg tctgtgatga tcctgatgtc attgctgcca 600
atattctgga ggttaaggta tcaagccctg actatcctga aaggaacaga gagaacgtga 660
tggaggactt cctgaagaga attgaatgct acaaagttac ctaccgacct cttgaccag 720
acaactatga caaggatctt tctttcatca aggtgataaa cgtggggccag cgatttttag 780
tcaacagagt ccaggactac atccagagca agatagtcta ctacctcatg aatatccacg 840
tccagcctcg caccatttac ctttgccggc atggagaaaag cgagttcaat ctcttgggga 900
agattggggg tgactctggc ctctcgggtg ggggaaagca gtttgcccaa gctctaagga 960
aatttctgga ggaacaggaa ataacagacc tcaaagtgtg gacaagccat gtgaagagga 1020
ccatacagac tgctgaatct ctcgggggtg cctatgagca gtggaagatt ctgaatgaga 1080
ttgatgctgg tgtgtgtgaa gagatgacct atgcagagat tgagaaacgg taccagaag 1140
agtttgactc tcgagatcaa gagaagtatc tgtatcgata tcctgggtggg gagtcatacc 1200
aggacctggt gcagctgctg gagcctgtca tcatggagct ggaacgtcag ggcaatgtcc 1260
tcgtcatctc ccaccaggct gtcatgcact gcctcctggc ctacttcttg gataaggacg 1320
cagatgagct accatacttg agatgccctc tccataccat cttcaaactt actcctgtga 1380
cctatgggtg caaagtggaa acaattaaac ttaacgtgga ggctgtgaac acgcaccgtg 1440
acaagccaac taacaacttc cccaagaacc aaacccctgt aaggatgaga aggaacagct 1500
ttacgcctct gtccagttcg aatacaataa ggcgtccaag aaattacagt gttggggagcc 1560
ggccccctca gcccctcagc cctctccgtg ccaggacat gcaagaaggg gccgactagc 1620
cgaagaccca agtcagcatt ccggtggtgt aactgtgtgt ttccctccag ccctggcctc 1680
tgcccttgt cactaatcac caaggaggtc attaacttcc tccctctatg cccacccctg 1740
acacttcacc attaatctta acacagaaca tgagggttatg tgtttatagg acaacttaag 1800
ctgttcttca gtttgaaaca tcttttcacc caggggcaag ttagcaaatt gagtctttta 1860
ggacagattc tcagatggga tgatctggag gaggaggaaa aagatacact cccttggggc 1920
tgagcatgcc ccacactctt ggatcttctc tctgttcctt ggtgtcttca ctaatgtcct 1980

```

catgttggtg	aagtgttggg	ggatggaggg	cgggtgagca	gtcggggggac	aaaaagtcta	2040
tttttccttc	acttttgtct	cttcaatgtg	tgttttcctc	acactcctta	cttgactgct	2100
ttcttccccc	actttcatgt	ccccctctga	ttgtccagtg	taatgcatgg	cattgtgggtg	2160
tctgtctagg	aaggaagggg	tgattgacaa	gagacaagtc	tggcccagtt	aatgctttct	2220
gcagtgggtc	taaattggatc	tggactggag	gagtccttcc	tttcctttct	cccttcctct	2280
ccagccaggt	cctgtaaggg	ccagcccaga	ctacaggaca	tccacagaat	attctggagc	2340
ttgcaagtag	acataggggtg	agagttcttg	cctcctttca	tgagaaacag	ttctaagtct	2400
tcgatgccct	gggagaatct	ggctctgagc	atgtgggaaa	tgtcttggtt	tttattttta	2460
atttagagtc	aggcctgggt	cttttgaggt	ctgcagagtg	gggttttagga	gagtaagggtg	2520
ggctctagct	cttgcagggc	tcttagagag	cagtcatgtc	tttt		2564

<210> 8446  
 <211> 2201  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (86)...(1378)  
 <223> similar to gil407655 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8446						60
ggaggcgagg	cttgtcggct	gtcaaagggg	cggcccggcc	cggcccggaa	gctacagcag	120
cggcgcgagg	actgcggggc	gggccatggc	ggcgaacctg	agccggaacg	ggccagcgct	180
gcaagaggcc	tacgtgcggg	tggtcaccga	gaagtccccg	accgactggg	ctctctttac	240
ctatgaaggc	aacagcaatg	acatccgcgt	ggctggcaca	ggggaggggtg	gcctggagga	300
gatggtggag	gagctcaaca	gcgggaagggt	gatgtacgcc	ttctgcagag	tgaaggaccc	360
caactctgga	ctgccc aaat	ttgtcctcat	caactggaca	ggcgagggcg	tgaacgatgt	420
gcggaagggg	gcctgtgcca	gccacgtcag	caccatggcc	agcttcctga	agggggccca	480
tgtgaccatc	aacgcacggg	ccgaggagga	tgtggagcct	gagtgcacat	tggagaagggt	540
ggccaaggct	tcaggtgcca	actacagctt	tcacaaggag	agtggccgct	tccaggacgt	600
gggacccag	gccccagtg	gctctgtgta	ccagaagacc	aatgccgtgt	ctgagattaa	660
aagggttggt	aaagacagct	tctggggcaa	agcagagaag	gaggaggaga	accgtcggct	720
ggaggaaaag	cggcgggccg	aggaggcaca	gcggcagctg	gagcaggagc	gccgggagcg	780
tgagctgcgt	gaggctgcac	gccggggagc	gcgctatcag	gagcagggtg	gcgaggccag	840
ccccagagg	acgtgggagc	agcagcaaga	agtggtttca	aggaaccgaa	atgagcagga	900
gtctgccgtg	caccgcaggg	agattttcaa	gcagaaggag	agggccatgt	ccaccacctc	960
catctccagt	cctcagcctg	gcaagctgag	gagccccctc	ctgcagaagc	agctcaccca	1020
accagagacc	cactttggca	gagagccagc	tgctgccatc	tcaaggccca	gggcagatct	1080
ccctgctgag	gagccggcgc	ccagcactcc	tccatgtctg	gtgcaggcag	aagaggaggc	1140
tgtgtatgag	gaacctccag	agcaggagac	cttctacgag	cagccccccac	tggtgcagca	1200
gcaagggtgct	ggctctgagc	acattgacca	ccacattcag	ggccaggggc	tcagtgggca	1260
agggtctgtg	gcccgtgccc	tgtacgacta	ccaggcagcc	gacgacacag	agatctcctt	1320
tgaccccgag	aacctcatca	cgggcacatc	ggtgatcgac	gaaggctggt	ggcgtggcta	1380
tgggcccgat	ggccattttg	gcatgttccc	tgccaactac	gtggagctca	ttgagtggag	1440
ctgagggcac	atcttgccct	tccccctc	gacatggcct	ccttattgct	ggaagaggag	1500
gcctgggagt	tgacattcag	cactcttcca	ggaataggac	ccccagtgag	gatgaggcct	1560
cagggtcccc	tccggcttgg	cagactcagc	ctgtcacccc	aaatgcagca	atggcctggt	1620
gattcccaca	catccttctc	gcatcccccg	accctcccag	acagcttggc	tcttgcccct	

gacaggatac	tgagccaagc	cctgcctgtg	gccaagccct	gagtggccac	tgccaagctg	1680
cggggaaggg	tcctgagcag	gggcatctgg	gaggctctgg	ctgccttctg	catttatttg	1740
ccttttttct	ttttctcttg	cttctaaggg	gtggtggcca	ccactgttta	gaatgaccct	1800
tgggaacagt	gaacgtagag	aattgttttt	agcagagt	gtgaccaaag	tcagagtgga	1860
tcattggtgg	ttggcagcag	ggaatttgct	ttgttgagc	ctgctctgtg	ctccccactc	1920
catttctctg	tcctctgtcc	tgggctatgg	gaagtgggga	tgcagatggc	caagctccca	1980
ccctgggtat	tcaaaaacgg	cagacacaac	atgttcctcc	acgcggctca	ctcgatgcct	2040
gcaggcccca	gtgtgtgcct	caactgattc	tgacttcagg	aaaagtaaca	cagagtggcc	2100
ttggcctgtt	gtcttcccct	attttctgtc	ccagctcatc	cgtgtctctg	aagaacaaat	2160
atgcttttgg	accacgaaaa	aaaaaaaaaa	ggggcgccg	t		2201

<210> 8447

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (188)...(600)

<223> similar to gi4929733 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8447						
ggcacgaggg	catggcgagc	ggatcatccg	cttccggagt	cgaggttttc	gggcttgtac	60
cgcttgccgg	tgcggcctgg	tgteggcttg	caggttcttt	ctgtgtttgt	tctctgccct	120
gccaaggccg	tagagctggg	gcgtgcgggt	agcggggctc	tccgaggagc	cgcacgccgg	180
cggcaccatg	gtccacctca	ctactctcct	ctgcaaggcc	taccgtgggg	gccacttaac	240
catccgcctt	gccctgggtg	gctgcaccaa	tcggccgctt	taccgcattg	tggctgctca	300
caacaagtgt	cccagggatg	gcggtttcgt	agagcagctg	ggctcctatg	atccattgcc	360
caacagtcac	ggagaaaaac	tcgttgccct	caacctagac	aggatccgtc	attggattgg	420
ctgcggggcc	cacctctcta	agcctatgga	aaagcttctg	ggtcttgctg	gctttttccc	480
tctgcacatc	atgatgatca	caaatgctga	gagactgcga	aggaaacggg	cacgtgaagt	540
cctgttagct	tctcagaaaa	cagatgcaga	agctacagat	acagaggcta	cagaaacata	600
aatgagctga	ctttagttag	catagcagtg	ggaacaagg	caaggtcctt	ttgaaacact	660
gcagcgatct	taattttgtt	agatttggag	ttcaataaat	ggagtatcct	gaaaaaaaaa	720
a						721

<210> 8448

<211> 2144

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (359)...(763)

<223> similar to gi1255376 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8448
cgtaaccggcc tggagttccc gggtcgacga tttcgtgcct ccggctttga agttcctcac    60
cgcgctctcct tttctctccc caaagcctgg atcaccgccc agcgtcaggc gaggggcgac    120
gtctcgaggt aaaacggagg aggtgcggga cgcgggagact gcgcggggccc ggtagccctg    180
gagaggccga ggctctaggc cgcgaggggc ggggtgcaatg gcggaggaac aggtgaaccg    240
cagcgccggc ctggcccccg actgtgaggc ctcggcgact gcagaaacta cggtttcctc    300
agtggggacc tgtgaagccg ctggcaagtc accagagccc aaggactacg acagcacctg    360
cgtgttctgc cggatcgcgg ggcggcagga cccgggcacc gaactcctgc actgcgagaa    420
tgaggaccta atttgcttca aagatatcaa accagcagca actcatcatt atcttggtgt    480
gccaaagaag catattggaa actgcagaac tctaaggaaa gatcaagtag aactggttga    540
gaacatggta actggttgaa aaaccattct tgaagaaat aatttcactg acttcacgaa    600
tgtgaggatg ggttttcata tgccaccatt ctgttccatt tcccacttgc accttcattg    660
tctggcacca gtggatcagc ttggcttctt atccaagttg gtttatagag tcaattccta    720
ttggtttatc acagctgatc acttgattga aaaactaaga acatgaaaat gtcaagagcg    780
gaagattttt ctaatcttgg ttcacatga agtgggtattt aggtcccttt taagtctaatt    840
tgcaatttta agatttggtg ggttttatga gaggctgtta cttagtgggc cttaaatctt    900
ttctgaatgt ctgtttccta agatctgtga tacagttatg tgaatatattt gttactgact    960
tgtttcaatg gttacttgta taaggatttt atatatatga tactatagat aaaatcctat   1020
ttaagacaaa ttctgttaat caacaagggc tctgtatttt ttaaagttaa aatattttca   1080
tttctcagta agtagtcagt tataatagtg atttattttat gaagaataaaa ctactataga   1140
aagtactttg tgggaacctt tattactgtg aaggagaaaa atagctattt cttgacagtt   1200
ctatagtttt acacataaat tttcaaaaata aagaatacca tactacacaa tgatctctga   1260
ttttgctgag ggaaggaatt atatatgtgc cacttttttcc tcaaatttca gatgccagtt   1320
ttcacttttt gaagcattgc atcttttttaa taaatctatc ctgaaagcta tataatatat   1380
ataattttata tcaatgaatt tacaataact atcaaattgg ctatcagaat tcaactgtaat   1440
ggaatttttg ctctaataac ataaaggggg aagaaacata aagtggttct ctttaataaaa   1500
ctagcagaaa atgttgcttt atggcatggt tttgtatcaa agagaaatca gaggttaaac   1560
tttgctttta tcatgaaaag ggcctgattt gaaggtagag ataggcttag atgagaaaaa   1620
ttgataacgc aatgttaata ctattgatat ttcataggta tattttgtaa gaaattgggt   1680
ttttggtgct aatctatagg cacaatagtg aatatgaatg aagagtaggt gctgcaagtt   1740
aatctacatg tgtgccagtg tatattagta ccatgtaaat gaatatgaat aaatgaacat   1800
gaggattaac gaactgttga aaataggctg agatactagt tttctttctt ttttagaggg   1860
ggcatgatat taaagatagt tttaagtaac aaattactta ttacaaagtt acaacatgtg   1920
gaatcaatac tgttttattt gttcattaat ttattcattc agcaaacatt tggtgaacat   1980
ttaatgtgta ccagatattg ccaggatcag gaaataaaga actaaaaatg gacattcaga   2040
ctgcaattgc tagtacaggg gtcaaacaaa atcagtgatt agaatttagt gcgttaagtt   2100
ccctgatgcc ttcacagcct tgttttttatt ttttaaaaaa aaaa                2144
```

<210> 8449

<211> 2078

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1920)...(964)

<223> similar to gil89498 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8449
tgccataagg ttttcgatgt gggtaatat taacaggaat agtcttaaga gaacttcctg      60
agataactcaa aagttcaaga agatctattc tagctggagt ggaaattcca gaagtattga      120
gcagtacata ggtaggtatt ccttgcaactg gtctgctgac tgtttttttg aagtccaggg      180
tgggcttttcg agaaaagcca gctcggaaat caatagtact gaggccagta atgcgaacag      240
agtgccttcc actgcttgag gtcttcaactg tccacattcc agcctctggc tctttcacat      300
tcactacttt ggcagagtta tggatattta atagctcatg caggccaaat ccctttttta      360
tcagcttccc tcaaggattg cgatttaaaa ataaacttta ttaaagcagt taaacttagc      420
attaaataac actctttaaa tggtagacac atgaagcaag agttaaatat aaaccagtc      480
taatcctgta cacttgtgat taattgtgac aatcttaagt tgctcacttc tttccattt      540
accaattcag agaaagcccg tttcctgttt tctctcacc actttgcctt ggcacacac      600
caaccctgcc tcgggcttca gctgcagatc ctccccagcc cctcctcca gctgggctga      660
ctccagtcctc agccccagtc tccaccaact gagcagcgtc cgcagggttg tgtctggctt      720
ccagcatcta ccacccttc agagcaactt ccaacatggg acaggagagg aagctcgcat      780
tgcttggtct gaacagattt aaggaggttt tatcacaagg acctgaaaac ttcctaagca      840
tgctttctcc ttgcacagct gaggaggggc aatggtggga gcggggcagg ggggtggcag      900
gggcggcagg ggctctcaac taagggtctt gaatcacaga ggggacagat gctgccttag      960
tccttcttgc ctcccagggc caggcttctt gtgaggagct tccctgggct ggagggggctc    1020
agtgtggaga ctgtggggga ttccagcttc actctgtcta agagggtctt cttaggggca    1080
gctggggaga tcttttcttg gtcggccatg gactgtagct ctctgttctg gatacaggag    1140
gcctcaactg cattgatgag cagagagcgg aagccccac tctctagaaa gtgcagggcg    1200
tggatggtgg ctccccagg ggagcagaca ttgtccttaa gctggcatgg atgctgctcc    1260
gagtcagca gcactctggc agctcccagc aaagcctggg ccccgagttg gattgccagg    1320
cgccgtggca aaccatctt caccaccca tcagccaatg cgtccagagc catgaatgca    1380
taggcaggcc cgctgccact gagccccgtg acggcatcga tgaggctctc ttccacctca    1440
gtgcagaagc ccacgtgct catgagctgc tccaggagct gccatcctc caccagggca    1500
tgggtgcccg tggcgtagac tgtagcgctt tctgcacta ccacaggtgt gttggtcatg    1560
cagcgaatca ctttgggggc tggctggaat gccatcagct tcttctccac agagctgatg    1620
gtgacaccag ccgcacagga gaccacgatg tgtctggctt gcacgtcggc cccaatctca    1680
tccaggatga aggggatgat atgtggcttc acagccagaa acaggacgtc gctgtgcttc    1740
accgtctcct tgttgctgcg tgtcaggttc acaccatct tcctgagcgc ggacaccgtg    1800
ggcaggttca tttctgggga gctggctatt atcttgtag cgcacaggat gcctgcggcc    1860
gtgaagcccc gcgccagagc ataggccagc tggccggccc cgatgaagcc cacgctcatg    1920
gtccgcggtt cagcctcct gggagccgca cgaacccctc cagcgaggga ccggaagtaa    1980
cgctagggga agggcggaac gcgcaggggc gaacgggcgg cgtgccgagg accggcgagc    2040
taacagcagc ttctgggatg gtgcaacctt attctcgg      2078

```

<210> 8450

<211> 1255

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (81)...(1183)

<223> similar to gi3288685 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8450
tttcgtcggc ggccgagggc atgaggggtgt tgggtcggcg ctggtgggggt cctccgctgg 60
ctcatggcgc caggcgtggg aggccgagtc cccagtggcg agcactggcc cgactcggct 120
gggaggactg ccgggactcc agagtccgcg agaagcctcc ctggcgggtg ctcttcttcg 180
gcacggacca gttcgcccgc gaggcgctgc gggcgctgca cgccgccagg gaaaacaaag 240
aagaagagtt aatcgacaaa ctggaggtgg tcacaatgcc ttcccatca ccaaaaggac 300
tgccagtga gcaatatgct gtgcagtctc agcttcccgt atatgagtgg ccggtatgtg 360
gatctggaga atatgatgtt ggagtagtgg cttcgtttgg ccgacttttg aatgaggctc 420
ttattcttaa atttccttat ggcataattga atgttcatcc cagttgcctc ccgagatggc 480
gtggcccagc ccctgtaatc catacagtgc ttcacggaga cacagttact ggagtaacaa 540
ttatgcaaat tagacctaaa aggtttgatg taggcccatt tctcaaaca gaaactgttc 600
ctgtgccacc caagagcact gcaaaggaat tggaagcagt gttgtcaaga ctgggtgcc 660
acatgctcat ttcagttttg aaaaatttgc ctgaaagtct gagcaatgga aggcagcagc 720
caatggaggg ggcgacttac gccctaaga tttctgctgg taccagtgtg ataaaatggg 780
aggaacaaac ttcagaacaa atattcagac tttaccgtgc cattggaaat ataattccgt 840
tgcagacgct ctggatggcg aataaccatta aacttctgga tttggtagaa gttaacagtt 900
cagtccttgc tgatccaaaa ttaacgggac aggtctcttat tccaggatca gtaataatcc 960
acaaacagtc acaaatacta ttggtttatt gcaaggatgg ttggattggg gttecatcag 1020
tgatgctcaa gaaatcacta acagctactg acttctacaa tggatatttg caccctgggt 1080
accagaaaaa ttcccaagct caaccaagcc aatgcagatt tcagactctc agacttccaa 1140
caaagaagaa gcagaaaaaa actgttgcta tgcaacaatg cattgagtag ttaggaagaa 1200
gatggataaa aacctattac atatttgtaa tttattaaaa accttattta caagg 1255

```

```

<210> 8451
<211> 831
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (806)...(35)
<223> similar to gi895851 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8451
tttttttttt ttcttcacgg catgtgcttt tattaacctg actgtttaca ggagctgaag 60
ctcttgggtt tgcggtgatg actcttgaac ttctttttca acgagcccaa ctgcttcttc 120
ccgcgcttct ggaccagccc tcggtacacg gtcgtctctc tcctgccctc atcagtggcc 180
ttctctcttg ggggctttgc cttctcatcc tctttgtctg tcaaaaagtc atcagtgcc 240
tccccatcct ccgtgcttcc aaggctcttt ctggtgaata gctcaggtgg gtacaggtct 300
gtcatgctgt catcacttgc agctccccc tcatcactgg atgtgggctc ccagaaggct 360
tcccgcgggc gagggccgct accgtccatc tggctctccc tcctcctcct ccggtgcacc 420
aggcaggcag gcacgtactc cacccttgc ttctgacatt cttcatattt acacagagct 480
cgctgggtacc gccggccctg ggtgtgcctc agcacgtgtt ctgggcactt gttgatgtgc 540
cgcagggtga gtttgagaa caactgggtg gggttcttgg tgctgggcac gatgtgcggc 600
tcgaactctg catagtcgaa ggccggggag gcgcggacca gccgctggta ctttttgccg 660
cgggtgtaga cctggagctc cggcaggcgg cagggcagct cgtgacctgt caggatgcac 720
ctcaccttgc gggcgctccgt ctggagccgc aggtctcgggt gctcccgcag aaacgcccgc 780

```

acgtcgcccc gcaactcgct catggccgac gcgccccgcg ccacgcgtcc g

831

<210> 8452

<211> 2716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (626)...(1878)

<223> similar to gi4886501 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8452

ttcgtgcgtt	ttacgcaggc	tgtggcagcg	acgcggtgag	gagacggccc	acggcgcccc	60
cgggctgggg	cggtcgcttc	ttccttctcc	gtggcctacg	agggctctgga	tccttctctg	120
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gccccgaaaa	aaaaaa					2716

```

<210> 8453
<211> 1102
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(918)
<223> similar to gi217690 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8453						
tttcgtgctg	cggagccagg	cgcggcgcag	gatggtggac	agcgtgtacc	ggacccgctc	60
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gtggcagctg	tatatcggag	acaccgcag	ccgcaccgcc	gagtacaagg	catggctgct	180
tgggctgctg	cgccagcacg	gctgccagcg	ggtgctcgac	gtagcctgtg	gcactggggg	240
ggactccatt	atgctggtgg	aagagggcct	cagtgtgacg	agtgtggatg	ccagtgacaa	300
gatgctgaag	tatgcactta	aggagcgctg	gaaccggcgg	cacgagcccc	ccttcgacaa	360
gtgggtcatc	gaagaagcca	actggatgac	tctggacaaa	gatgtgcccc	agtcagcaga	420
gggtggcttt	gatgctgtca	tctgccttgg	aaacagtttc	gctcacttgc	cagactgcaa	480
aggggaccag	agtgagcacc	ggctggcgct	gaaaaacatt	gcgagcatgg	tgcgggcagg	540
gggcctactg	gtcattgatc	atcgcaacta	cgaccacatc	ctcagtacag	gctgtgcacc	600
cccagggaag	aacatctact	ataagagtga	cttgaccaag	gacgtcacia	catcagtgtc	660
gatagtgaac	aacaaggccc	acatggtgac	cctggactat	acggtgcagg	tgccgggggc	720
tggccaggat	ggctctcctg	gcttgagtaa	gttcgggctc	tcctactacc	cacactgtct	780
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gggcgacttc	aagccttaca	agccaggcca	aacctacatt	ccctgctact	tcatccacgt	900
gctcaagagg	acagactgag	tgtggcctca	gctcccacaa	gcctctgccc	aggcactgct	960
aggctctgtc	tggaaagtgg	ggaccagcag	ccccacacca	gggccagcct	ctagagcaga	1020
ctacagctgg	ggtgcaggga	tgtgggttcc	acagacggaa	gggtaaacaa	tatagtcttt	1080
ttcagttcct	gcaaaaaaaaa	aa				1102

```

<210> 8454
<211> 1132
<212> DNA

```



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (340)...(734)

<223> similar to gil1217980 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8454

tttcgtccgc	cgcctgggct	cctagggact	gtggcctcgg	cggtatgtcc	cttgctttcc	60
cttgaagcgg	gagaagaccc	ggcagaggcg	ctctgtccgc	tgcagccgcg	cgggtggagg	120
aggcagagtc	tgaggtgtga	ccccgaccaa	gtttgacgct	tctgtcctcc	tagggagcaa	180
gctcggctga	aggcccacgt	cgtagaccgg	gacaccgagg	cgtggcagcg	agaccccgcc	240
ttctcgggtc	tgcagagggt	cgggggcggt	gacgtgtcct	tctgtgaaag	ggacagtgtc	300
cgcgcttggt	cttccctggg	ggtgctcagc	ttccctgagc	tgcaggtcct	tcttgtggat	360
ggaaacgggg	tactccacca	ccgaggcttt	gggggtggcct	gccaccttgg	cgtccttaca	420
gacctgccgt	gtgttggggt	ggccaagaaa	cttctgcagg	tggatgggct	ggagaacaac	480
gccctgcaca	aggagaagat	ccgactcctg	cagactcgag	gagactcatt	ccctctgctg	540
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ctctacatct	ccgtgggcca	caggatgagc	ctggaggccg	ctgtgcccct	gacttgctgc	660
tgctgcaggt	tccggatccc	agagcccgtg	cgccaggctg	acatctgctc	ccgagagcac	720
atccgcaagt	cgtctgggact	ccccgggcca	cccacaccga	ggagcccga	ggcgcaggag	780
gccagtggca	tgccccaaa	gagactccgg	agagtcctca	ggtggagcac	ccagtcccca	840
aagacaggct	gaccgcacca	ccccaggggg	agccgcagc	acagcccagc	accaggtggg	900
gcagaggatga	ccacggcccc	tctttgctcc	gtcatcggtc	ggtcagctgt	ggtcacgggtg	960
cctcagagga	cagatctcta	tgggggcaag	tgccagatcc	tgagagcgca	tgagacgctt	1020
tcccggagcc	gacgaagggg	actcggagct	gcagcctgca	cgacccttgc	agcctgtgct	1080
ttgcccaccc	ctttcaatag	atggaacttg	cttgctcttt	tcaaaaaaaaa	aa	1132

<210> 8455

<211> 1031

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (45)...(770)

<223> similar to gi3925599 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8455

ttcctttcaa	atacacaccc	caaccgcgcc	cggcatacac	agaaatgggg	actgcgagca	60
gaagcaacat	cgtctgccat	ctgcaaacca	atctcattct	attttgtgtc	ggtgctgtgg	120
gcgcctgtac	tctctctgtc	acacaaccgt	ggtacctaga	agtggactac	actcatgagg	180
ccgtcaccat	aaagtgtacc	ttctccgcaa	ccggatgccc	ttctgagcaa	ccaacatgcc	240
tgtggtttcg	ctacggtgct	caccagcctg	agaacctgtg	cttggacggg	tgcaaaagtg	300
aggcagacaa	gttcacagtg	agggaggccc	tcaagaaaa	ccaagtttcc	ctcactgtaa	360

acagagtgc	ttcaaatgc	agtgcaattt	acatctgtgg	aatagcattc	cccagtggtc	420
cggaagcgag	agctaaacag	acaggaggag	ggaccacact	ggtggtaaga	gaaattaagc	480
tgctcagcaa	ggaactgcgg	agcttcctga	cagctcttgt	atcactgctc	tctgtctatg	540
tgaccggtgt	gtgcgtggcc	ttcatactcc	tctccaaatc	aaaatccaac	cctctaagaa	600
acaaagaaat	aaaagaagac	tcccaaaaga	agaagagtgc	tcggcgtatt	tttcaggaaa	660
ttgctcaaga	actataccat	aagagacatg	tggaaacaaa	tcagcaatct	gagaaagata	720
acaacactta	tgaaaacaga	agagtacttt	ccaactatga	aaggccatag	aaacgtttta	780
atthttcaatg	aagtcactga	aaaatccaac	tccaacgagc	tatggcagtg	ttaatgaaca	840
taaatcatca	ggtcttataa	aaaaataaaa	ggtaaactga	aaaagacaac	tggctacaaa	900
gaaggatgcc	agaatgtaag	gaaactataa	ctaatagtca	ttaccaaata	actaaaaccc	960
aacaaaatgc	aactgaaaaa	taccttccaa	atttgccaag	aaaaaaaaatt	ctatttttaa	1020
aaaaaaaaaa	a					1031

<210> 8456

<211> 3758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3744)...(1603)

<223> similar to gi5630080 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8456						
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cggaaaaaag	gggtctgagg	aaagcggagc	agcgtagatg	agggcgaggg	cggaagcagg	180
acgctcgcca	aagtgggtgcc	gggtgcccgc	tgcccactgt	gatcccggct	gggaggaacg	240
ccggacccac	ggcaagggca	gggaaagtca	tttttgacac	aaacaagggt	cctggggcat	300
accacccac	ccggtgccag	gccatgcaag	acgctgaaat	ggagactgtg	gcccctcggg	360
acgcagcgcc	cggagctatg	gagcaggtgc	accaacgtga	aggggaatcc	tttgggcgct	420
tcccagggcg	cctgcagggg	gtggagcaca	gcagggtctg	tatccatgtc	cgtgagcacg	480
ggcagtaaca	gatagcacca	attgggaggc	ccagggcagg	agagcctgag	gctcagactc	540
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gaacgttttc	caggcgccct	ccccctctcc	ggggccggac	agctccatct	acagcccgtg	3720
ggagcaaaca	gtcccccttcg	gcggccggac	gcgtgggt			3758

<210> 8457

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (304)...(331)

<223> similar to gi532768 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8457
cgtagtaact gtggtggtat tccgcccattg cggctgtaga cgccatgatg gatgtttttg      60
gtgtggggttt cccaagcaag gttccttgga agaagatgtc tgcagaggag ctggagaatc      120
agtactgtcc  cagccgatgg gttgtccgac tgggagcaga ggaagccttg aggacctact      180
cacagatagg  aattgaagcc accacaaggg cccggggccac caggaagagc ctgctgcatg      240
tcccctatgg  agacggcgaa ggggagaaaag tggacattta cttccccgac gagtgcgtctg      300
aagccaccac  aagggcccgg gccaccagga agagcctgct gcatgtcccc tatggagacg      360
gcgaagggga  gaaagtggac atttacttcc ccgacgagtc gtctgaagcc ttgcctttct      420
tcctgtttctt tcacggagga tactggcaga gcggaaggca ccctggacca catggtagac      480
caggtgaccc  gcagcggtgc gtttgtccag aagcgggtatc caagcaacaa gctttttcct      540
ggtgagtggg  gtctttgacc tggagcccat cgtgtatact tcacagaacg ttgctcc      597

```

```

<210> 8458
<211> 1163
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (58)...(573)
<223> similar to gi2911587 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8458
ccgagtcgac gatttcgtgg caggcgccag tgcaggtgt gctgctgagg cgtgagaatg      60
gcgtcccgcg gccggcgctcc ggagcatggc ggacccccag agctgtttta tgacgagaca      120
gaagcccgga aatacgttcg caactcacgg atgattgata tccagaccag gatggctggg      180
cgagcattgg  agcttcttta tctgccagag aataagccct gttacctgct ggatattggc      240
tgtggcactg  ggctgagtgg aagttatctg tcagatgaag ggcactattg ggtgggcctg      300
gatatcagcc  ctgccatgct ggatgaggct gtggaccgag agatagaggg agacctgctg      360
ctgggggata  tgggcccagg catcccattc aagccaggca catttgatgg ttgcatcagc      420
atctctgctg  tgcagtggct ctgtaatgct aacaagaagt ctgaaaaccc tgccaagcgc      480
ctgtactgct  tttttgcttc tcttttttct gttctcgtcc ggggatcccg agctgtcctg      540
cagctgtacc  ctgagaactc agagcagttg gagctgatca caaccaggc cacaaggca      600
ggcttctccg  gtggcatggg ggtagactac cctaacagtg ccaaagcaaa gaaattctac      660
ctctgcttgt  tttctgggccc ttcgaccttt ataccagagg ggctgagtga aaatcaggat      720
gaagtgaac  ccaggagtc  tgtgttcacc aatgagagg  tcccattaag gatgtcgagg      780
cggggaatgg  tgaggaagag tcgggcatgg gtgctggaga agaaggagcg gcacaggcgc      840
cagggcaggg  aagtcagacc tgacaccag  tacaccggcc gcaagcgcaa gccccgcttc      900
taagtcacca  cgcggttctg gaaaggcact tgcctctgca cttttctata ttgttcagct      960
gacaaagtag  tattttagaa aagttctaaa gttataaaaa tgttttctgc agtaaaaaaa      1020
aagttctctg  ggccggcgct ggtggctcac acctgtaatc ccagcacctt gggaggctga      1080
ggtgggagga  tcatttgagg ccaggagttt gagacctgcc tgggcaacat aatgaaactt      1140
cctttccagg  gagaaaaaaa aaa      1163

```

```

<210> 8459

```

<211> 3220  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (128)...(1836)  
 <223> similar to gi2995194 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8459
tttcgtctga gaggtaagag agggcggggg gaaggaagag gaggcgggat cggggcgctg      60
cgttggctgc ggcctggcac caaaggggcg gccccggcgg agagcggacc cagtggcctc      120
ggcgattatg gacccggtcg aggcggtgct gcaagagaag gcactcaagt ttatgaattc      180
ctcagagaga gaagactgta ataatggcga accccctagg aagataatac cagagaagaa      240
ttcgcttaga cagacataca acagctgtgc cagactctgc ttaaaccaag aaacagtatg      300
tttagcaagc actgctatga agactgagaa ttgtgtggcc aaaacaaaac ttgccaatgg      360
cacttccagt atgattgtgc ccaagcaacg gaaactctca gcaagctatg aaaaggaaaa      420
ggaactgtgt gtcaaatact ttgagcagtg gtcagagtca gatcaagtgg aatttgtgga      480
acatcttata tcccaaagt gtccattacca acatgggcac ataaactcgt atcttaaacc      540
tatgttgcag agagatttca taactgctct gccagctcgg ggattggatc atattgctga      600
gaacattctg tcatacctgg atgccaaatc actatgtgct gctgaacttg tgtgcaagga      660
atggtaccga gtgacctctg atggcatgct gtggaagaag cttatcgaga gaatggtcag      720
gacagattct ctgtggagag gcctggcaga acgaagagga tggggacagt atttattcaa      780
aaacaaacct cctgacggga atgctcctcc caactctttt tatagagcac tttatcctaa      840
aattatacaa gacattgaga caatagaatc taattggaga tgtggaagac atagtttaca      900
gagaattcac tgccgaagtg aaacaagcaa aggagtttac tgtttacagt atgatgatca      960
gaaaatagta agcggccttc gagacaacac aatcaagatc tgggataaaa acacattgga     1020
atgcaagcga attctcacag gccatacagg ttcagtcctc tgtctccagt atgatgagag     1080
agtgatcata acaggatcat cggattccac ggtcagagtg tgggatgtaa atacagggtga     1140
aatgctaaac acgttgattc accattgtga agcagttctg cacttgcggt tcaataatgg     1200
catgatggtg acctgctcca aagatcgttc cattgctgta tgggatatgg cctcccaaac     1260
tgacattacc ctccggaggg tgctggctcg acaccgagct gctgtcaatg ttgtagactt     1320
tgatgacaag tacattgttt ctgcatctgg ggatagaact ataaagggtat ggaacacaag     1380
tacttgtgaa tttgtaagga ccttaaattg acacaaacga ggcattgcct gtttgcagta     1440
cagggacagg ctggtagtga gtggctcatc tgacaacact atcagattat gggacataga     1500
atgtggtgca tgtttacgag tgttagaagg ccatgaggaa ttggtgcgtt gtattcgatt     1560
tgataacaag aggatagtca gtggggccta tgatggaaaa attaaagtgt gggatcttgt     1620
ggctgctttg gacccccgtg ctctgcagg gacactctgt ctacggaccc ttgtggagca     1680
ttccggaaga gtttttcgac tacagtttga tgaattccag attgtcagta gttcacatga     1740
tgacacaatc ctcatctggg acttcctaaa tgatccagct gcccactctg aacccccccg     1800
ttccccctct cgaacataca cctacatctc cagataaata accatacact gacctcatac     1860
ttgcccagga cccattaaag tttgcggtat ttaacgtatc tgccaatacc aggatgagca     1920
acaacagtaa caatcaaact actgccaggt ttccctggac tagccgagga gcagggcttt     1980
gagactcctg ttgggacaca gttggtctgc agtcggccca ggacggtcta ctcagcacia     2040
ctgactgctt cagtgtgct atcaaaagat gtcttctatc ttttgtgaat gattggaact     2100
tttaaacctc cctcctctc ctcccttcac ctctgcacct agttttttcc cattggttcc     2160
agacaaaagg gacttataaa tatatttagt gttttgccag aatctctctt gctttgccat     2220
taagcagaag aactagtttc cctgtatagc ctgctgggag agaccactt ctagggtatg     2280
ggggatgcag cttcaagccc agtgcccagt gtctccctgt taactgcagg aatgccaaag     2340
acctggccag agcagcccag cccaatatg cttaggagga gacagagttc cctctgtata     2400
gcctctggga caagaaaaag aaaacacaag aatgtatata ctggaagatt tgggcctcct     2460
gcctgccttc tctttgtttc tgttcctctt cccatctact cccctacgcc ccttcaacct     2520
ttttctctg tctgcttcac ctgagaagaa agtgtatgaa gagagtgtcc tcctctcgca     2580

```

tgagcccaga	tcagcccaga	aatgccaac	acttgaaga	gttaaagcc	tgttcagtga	2640
agatttccag	ccccaggcct	ttgcctgcaa	agtgaccct	gtggcaaaca	agtggattcc	2700
tcagacatga	tactctcatc	atatttgcga	ctcttctctc	tctttccttc	ccccacaccc	2760
caagaggagg	attggtggta	gggggcaggc	agagggggtg	gggagaagtt	tcctgggctc	2820
catcaatggc	tgcattcttt	ctggactcag	cagtctcctt	gattccatgt	agagtgttgg	2880
aaaggagttg	ctgattgcat	ttcctctcat	taacaattgg	gtgtgtaata	aaaagcattg	2940
gtacttcac	ttaaatact	ggtaaggctc	agcctacaga	aagataaaaa	atggccagag	3000
ccaatcgctt	ggtgcattct	gcgtaatgg	ttccatctcc	gatttcctca	tcagggcctg	3060
tgaataccca	ggtgcctgta	tctttgcca	gaccgtgatc	aaggtagctt	taagagagat	3120
ggtcaggaga	aaacactggt	tttgtttttt	ttgttgtttt	gttttgtttt	ggccagttaa	3180
atatcatctc	tcaaaatatt	gatctcaacc	gtgtcaacct			3220

<210> 8460

<211> 1066

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1067)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (124)...(617)

<223> similar to gi4699967 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8460						
cggacgcgtg	ggctctgtgc	ctgctgtttc	ctgctgggaa	gaaggaaagc	cagtgatgct	60
ggcttgaggc	tgtagtggga	ggcccagcgg	attgtgagaa	gccagcccgg	gcagtgagtg	120
tggatggctt	ggcagggtgag	cctgctggag	ctggaggacc	ggcttcagtg	tcccatctgc	180
ctggaggtct	tcaaggagtc	cctaagtcta	cagtgcggcc	actcctactg	caagggctgc	240
ctgggtttcc	tgtcctacca	cctggacacc	aaggtgcgct	gccccatgtg	ctggcaggcg	300
gtggacggca	gcagctcctt	gcccacgctc	tccctggcct	gggtgatcga	agccctgagg	360
ctccctgggg	accggagacc	caaggtctgc	gtgcaccacc	ggaaccgcgt	cagccttttc	420
tgcgagaagg	accaggagct	catctgtggc	ctctgcggtc	tgtctgggctc	ccaccaacac	480
cacccggtca	cgcccgtnct	caccgtctgc	agccgcatga	aggaggagct	cgcagccctc	540
ttctctgagc	tgaagcagga	gcagaagaag	gtggatgagc	tcacgcgcaa	actggtgaaa	600
aaccggaccc	gaatcgacgg	gagtgccctt	tccctctgcc	cctgcctggg	accggccacc	660
ttcactttcc	tgtagagctc	agttctcatt	ggtcctttac	agaaaaccat	gccttcata	720
taaagccaga	actcaaagca	ttccggggcg	gggtggggaa	agcgaaaatc	ctctcagggg	780
aattcaaccc	agttgtcggt	aggactggct	ccaagttggc	ttttgccttc	tgtgtccttg	840
agactgagat	aaccaggac	ttgagtctcg	ggggtaaaca	gctgaaagca	tgggcgtgac	900
tcctccgccc	ctgtgccacc	tgtgtctgct	tgaccttgcc	agcctgtcat	ggtgccctcc	960
cagtacctgg	gtgcgcaggc	gtggagaggc	tggcagccct	gggccctggc	tgatctcctg	1020
aactgagagg	cacatggggc	tgggacgcat	agtgccccgg	ccctgg		1066

<210> 8461  
 <211> 623  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (405)...(136)  
 <223> similar to gi4150929 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8461
tttttttttt ttaatgagaa caggatatga tttatttatg acgaccatat gtgtttgatg      60
cccaattgca gcaggttggt gcttctcttg catatcttgg tctgggatga cctatctact      120
cagtgtgtcc catttcaggt accgtatttc catgcttctt tattaagcct cataacctcc      180
ctgctttttc caccctcttt tccagcctct tctaaatcta cattgtcggg gcagtgtaat      240
ttggcggcgt cgatccagga ggaccagggt ttgccagaa acgcctccgg actgggcact      300
ttgcgatcca gtgtcgccat tgctcttcct tcttgttgct ttttccctgt tccttcggca      360
gctgcagccg agagacacgg gattcgagaa cgctccgacg tcatcttcgg aacgttccga      420
cattgagtgt tctggaggac tttggacat ggagattctg cagttgttgc tctaggagct      480
gaaaccagtg ggtagatgtc gttctgaaac gcaggtgagt ttggagcgcg acgagctacc      540
ttcccatctc aggctgcggg gcgtgcaaaa ctcaaaagtt agggcccccg gacccccggg      600
ttccccgcgc agagcgtatc tcc                                         623

```

<210> 8462  
 <211> 966  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (291)...(843)  
 <223> similar to gi30775 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8462
gtccgcaatt cccgtgtcga cgatttcgtg gtaaaggctg atacttccca ggacgcggag      60
gtaacggggc agggccaaag cgactttcgc tacttggatt ggtcggcgta gctttgggcg      120
gccggacctt ataaagtcac acatctgcgc gcctgtgcgg ccctgtcttc tgcggatgct      180
gaggcacgta aaaaaatttg aagaaggga tttcgcggca ttcttgccct ggcttcctgg      240
cgtagccagc aagttcggag gtgttaaccg ctgctgtcat gtttcttttg ctaaaactgca      300
tcgtcgtgtg gtcccaaac atgggcacgc gcaagaacgg ggacctgcc aggccgccgc      360
tcaggaatga attcaggtat ttccagagaa tgaccacaac ttcttcagta gagggtaaac      420
agaatctggt gattatgggt aggaagacct ggttctccat tcctgagaag aatcgacctt      480
taaaggatag aattaattta gttctcagca gagaactcaa ggaacctcca caaggagctc      540

```

atcttcttgc	cagaagtttg	gatgatgcct	taaaacttac	tgaacgacca	gaattagcaa	600
ataaagtaga	catgatttgg	atagttggtg	gcagttctgt	ttataaggaa	gccatgaatc	660
acctaggcca	tcttaacta	tttgtgacaa	ggatcatgca	ggactttgaa	agtgacacgt	720
ttttttcaga	aattgacttg	gagaaatata	aacttctgcc	tgaataccca	ggtattctct	780
ctgatgtcca	ggaggggaaa	cacatcaagt	acaaatttga	agtatgtgag	aaggatgatt	840
aatatgaagg	tgttttctgg	tttaagttgt	tccccctccc	tctgagaaaa	gtatgcattt	900
ttacattaga	aaagggactg	tattgcggcc	gctgtagagg	atacaaacag	tcgtacgggt	960
gcacgcg						966

<210> 8463  
 <211> 850  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (75)...(523)  
 <223> similar to gi3043445 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8463						60
ggacgtagcg	tcgccgcgcc	aggtttttag	cagctgccgc	tgagccgcgc	gacggacgct	120
cgtcttcgcc	cgccatggcc	gagagcgact	gggacacggt	gacggtgctg	cgcaagaagg	180
gccctacggc	cgcccaggcc	aaatccaagc	aggctatctt	agcggcacag	agacgaggag	240
aagatgtgga	gacttccaag	aaatgggctg	ctggccagaa	caaacaacat	tctattacca	300
agaacacggc	caagctggac	cgggagacag	aggagctgca	ccatgacagg	gtgaccctgg	360
agggtggcaa	ggtgatccag	caaggtcggc	agagcaaggg	gcttacgcag	aaggacctgg	420
ccacgaaaat	caatgagaag	ccacaggtga	tcgcggacta	tgagagcgga	cgggccatac	480
ccaataacca	ggtgcttggc	aaaatcgagc	gggccatttg	cctcaagctc	cggggaaagg	540
acattggaaa	gcccacgag	aaggggccta	gggcgaaatg	aacacaaaagc	ctcgaaatca	600
gtgcgctcca	gctgatctcg	ttccgcgggt	tccccttggc	cgccagttcc	gttctcctca	660
cgggccgaac	ggaacaaggg	gtccagcttg	cgggggaccc	tcccagccc	attcctgctg	720
tcaaacaac	aaaaccttgc	tcgtgccgaa	ttcggcacga	gggaacagaa	cctttgatga	780
gagcgttcac	agggacactg	tctgggggtg	cagtgcagc	ccccggcctc	ttccctggga	840
acctctgaac	tcctccttcc	tctgggctct	ctgtaacatt	tcaccacacg	tcagcatcta	850
atcccaagac						

<210> 8464  
 <211> 3026  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (453)...(1808)  
 <223> similar to gi3080434 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

```

<400> 8464
ggaattctcg ggtcgacgat ttcgtggcgc gggcgaggat ggcggcggag aacgaggcca 60
gccaggagag cgccctgggc gcctactcgc cagtggacta catgagcatc accagcttcc 120
cgcggtgcc cgaggacgag ccggcgcccg cggccccgct gaggggcccgc aaggacgagg 180
acgcctttct gggagacccc gacaccgacc cggactcctt cctgaagtct gcacggctgc 240
agcggtgcc atcgtcgtcg tcggagatgg gcagccaaga cgggtcgccg ctacgcgaga 300
cgcgcaaaaga cccgtttctcc gccgcagcgg ccgagtgtct ctgccgccag gatgggctca 360
cggtcacatgt caaggcctgt ctcaccttcg ctaccgggtg caccgtggcg ctggtcatgc 420
agatctactt cggggacccc cagatcttcc agcaggggtgc cgtggtgacc gatgctgccc 480
gctgcacttc actgggcacg gaggtgctca gtaaacaggg atcttctgtg gacgcagcgg 540
tggcagcagc cttgtgtttg ggtatcgtgg ctccacacag ttctggcctg ggcggtgggg 600
gcgtgatgct ggtacatgac atccgacgaa atgagagcca cctaattgat ttccgggagt 660
ccgcaccagg ggcctcagg gaagagaccc tgcaaagatc ctgggagacc aagcctgggc 720
tcttggtggg ggttcccggg atggtgaagg ggctacatga agctcaccag ctctatggca 780
ggctgcccag gtcccagtc ctggcctttg cagcagctgt ggccaagat ggcttcaacg 840
tgactcatga tctagcccggt gccctggctg aacagctgcc acccaacatg tccgagcgct 900
tccgggagac gttcctgcca tcgggcccgc cgcactacc tggctcgttg ctgcatcggc 960
ccgacctggc tgaggtgctg gatgtacttg gcacctccgg cccggctgcc ttctacgcag 1020
gtggcaacct cacactggag atggtggccg aggctcagca cgcagggggg gtcataaccg 1080
aagaggactt cagcaattac agcgcccttg tggagaagcc tgtgtgtggc gtgtacagag 1140
gccacctggt tcttagtccc ccacctccgc acacgggccc tgcctcctc agtgcctca 1200
acatcctgga gggcttcaat ctcaccagcc tggtatcccg agaacagggt cttcactggg 1260
tggcagagac cctgaagatt gcattagccc tggccagcag actgggagat cccgtctatg 1320
attctaccat cactgagagc atggatgaca tgctcagcaa ggtggaggcc gcctacctcc 1380
ggggccatat caatgactcc caggcagccc ctgcccact cctgcctgtc tatgaactag 1440
acggagctcc cagggtgcc caggtgtga tcatgggacc tgatgacttc attgtggcca 1500
tggtagctc cctgaaccag ccttttggc gcgcccttat cccccctcg gggatcctgc 1560
tcaacagcca gatgctggac ttctcctggc ccaaccggac agctaaccac tctgcaccca 1620
gcctggagaa ttcagtgcag ccagggaagc ggccactctc tttcctgctg cccacagtgg 1680
tccgaccgac ggaggggctc tgtggaacct acctcgtctc gggggccaat ggagctgcgc 1740
ggggcctcag cggcctgaca caggtgaggt ttacgccatg gttggccttt ttacggcggg 1800
agccaagctg tggcctagac tgcagatgcc tgtcatatct gtggcttgtt tccattcctc 1860
atgcggcaaa catgggctga ggctgttttg tgccaggcgc atcctgggca atgtggacat 1920
gggctgcgct gagtttctta gtgaaaatgg agcctgatg ctccctgtct tttccggttg 1980
caggggaaat ggcagggtca gtagattgaa aagtggggtt agcatctggg tggcctgggt 2040
tctgttaacc tcaagtccca ttatacctct acccagcatc tgaatagaca accagccctc 2100
tttaggtggt gatttgaaag gaagggcctg cttttctcca gaacacctca gaatggctcc 2160
atgaatgtct tgagaacctg atatatatgc caggcaccta ttttggcagg tggtagtcta 2220
acgatcttaa gttctggaat cagacactcc tgggttccgg cccaagtgtc accaatttgt 2280
aactgtgtga tgctggagca ttactttaac agctctgaac ctcagtctct tcatctttaa 2340
aatggaaata ataacaatag ctaacattta aagagttcgt actaagtgtc gggcactgtg 2400
ttatgtgtgt taaccatttt aaccttccca gttctggaga gaatccttat ttctatttta 2460
tagataagga aaccgaagcc cagagagggt aagactttag gtcaagtacc ttcagcttag 2520
aaagagcagg gaggcagttt ggttccaaga agcctacgca cactcctaac cactaagtta 2580
aaagcaccca acattgtgcc cctaagacca actccctagc tattaacctt gccctatcc 2640
cagagagaaa agaaggagc cccgggctag attaaagaga cttgggttcc agtgggtgat 2700
cttccccctg cttcctctaa actctggagt aagtcatttt ccttgctgga cttcactttc 2760
cctctctgtg aaatggaaac agtcatgcac aggcctgcct gttctttcca ggggctgtta 2820
ggaggctcag atgacaccgc gtgtaaggaa ttcttcaaga cttaagggag cctgggacca 2880
aggggtggagg agcttgaggg attcctggga ccattcaccc ctggggacag ccctggattt 2940
tttttgttac cttgggttac cacaggttct gctgaatgtc ctgaccttga accggaacct 3000
gagtgcagac ctggcccgcg gccgct 3026

```

<210> 8465  
 <211> 1061  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (61)...(663)  
 <223> similar to gi5102588 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8465
gtccagggca tcacctccta ccagcagcgt ttacaagcat tgagaaagga gaaatcccga      60
gatgctgctc gctcccgcgc gggaaaagaa aactttgagt tctatgaatt ggccaagttg     120
ttgcctcttc ctgcagccat taccagccag ctcgacaagg catccatcat tcgacttaca     180
attagctatc tgaaaatgag ggactttgct aaccaggggg accctccgtg gaacttgcca     240
atggaaggcc ctccacctaa cacatcagta aaagttatag gtgcacagcg aaggagaagc     300
cccagtgcac tagccattga agtatttgaa gcacatttgg gaagccacat tttgcagtcc     360
ctggatggct atgtatttgc actaaatcag gaaggaaaat ttttgtacat ttccgaaaca     420
gtctccatct acctaggcct ctcacaagtg gagctgacag gcagcagtgt ctttgactat     480
gtccaccccc gagatcacgt ggagatggct gagcagctgg gcatgaagct cccccctggg     540
cgggggtctcc tgtcacaggg cactgctgag gacggagcca gctcagcatc ttccctctct     600
cagtcggaga ccccccagcc agtggtttgc ttcccaccag cgagtgatca gtttcttctg     660
taggaccctt gtcaggaaga acatgcctgg atcctacttc agagagaact cagccagggc     720
aaggggctcc tgtggctttt tgggtgggtg tgagttcata gaggggaaaa tcaatactgt     780
accaggattt agacaattta gcaaaatgca cgaggcagta ctttggatga tgaataacta     840
cagctgcatg gctaaccctt tggttggtga aagtatgggt tatcatgttt tgtctaaatt     900
ttcaggcaaa atctagcctg ttttgtggca ttaggatcat cattatagta gtatgatttt     960
tatgctatta tacttacgct atgtcccga tgtttttaag gccagcaaaa tggaaacagt    1020
agagtacttg cctgaatgca aataaacttc agtttcaact t                                1061

```

<210> 8466  
 <211> 952  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (458)...(750)  
 <223> similar to gi387113 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8466
gggcccgggt gtggtatttt tggagttaat ggagtcagaa ggacctccag agtcagagag      60
gtcagaatTT ttctcacagc gggaagagga aaatgaagaa gaagaagccc aagaaccaga      120
ggaaacaggc cctaagaacc ccctttttaca acctgctctc acaggggatg tagagggttt      180
gcagaaaata tttgaggatc ctgagaatcc tcatcatgaa caggccatgc agcttctctt      240
agaagaagac atcgttggga gaaatttggt gtatgcagct tgcattggctg ggcaaagtga      300
cgtgattaga gctttggcaa aatatggtgt gaatctgaat gaaaaaacca ccagagggtta      360
cacactctta cattgtgctg cagcctgggg tcgtttggaa actttgaaag cactggtaga      420
actggatggt gatatagaag ctttgaactt ccgggaagaa agggctcgag atgttgctgc      480
tagatattct cagactgagt gtgttgaatt cctggactgg gcagatgcaa ggctgactct      540
gaaaaaatat attgcaaaag tctcttttagc tgttactgac acagaaaagg gatcagggaa      600
actccttaag gaagacaaga ataccatcct cagtgcattc cgtgcaaaaa atgagtgggt      660
ggaaacccat acagaagctt ccattaatga gctttttgag cagagacaac aactggaaga      720
tattgtgact cctatcttca caaaaatgac tacaccatgt caagtgaaaa gtgccaaatc      780
tgtaacaagc catgaccaga agagaagtca agatgatacc tccaactgaa catacgttct      840
gtaaaaggcc acattttctt ttagtatctg aaaggcaaac ctattcatgc catttgaaat      900
cgagaaaaca gatgtggggg tctttaagta tttaagtaca acattacatc gc              952

```

```

<210> 8467
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (95)...(248)
<223> similar to gi4102195 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8467
gggacggggc agcgggtgcac aagaagagac cgaggcgggt ggccccgaga gagccagggc      60
catggaggcc aacatgccga agcggaagga gcctggcagg tctctccgca tcaaagtcatt      120
ctccatgggc aacgccgaag tggggaaaag ctgtattata aagcgatact gtgagaaaag      180
atTTgtgtct aaatacctgg caacaattgg aattgactat ggagtcacaa aggtacacgt      240
cagagacaga gaaatcaaag ttaacatctt tgatatggct ggacatccct tcttctatga      300
ggtaagaaag cttttttgac aaaacctata tccagtattg ttggtgggtt ggggagagat      360
ccagaattat atgaaacaac caatattgat atcatgtgta aaattgcata attttagctt      420
gatcgtggct tgccttcaga gccttgagtt aatagacaac tgttgatttt ttaggttatc      480
ctgttaaata gtggtaggaa atttcattgc caatatttca aacatttcaa taagacattt      540
tgactttcag aggacttttg cttttttacct catactttag ctaaaatgt g              591

```

```

<210> 8468
<211> 998
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (993)...(550)  
 <223> similar to gi3513302 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8468
tttttttttt ttgcttttta atgttcttat ttattttaa atgaaaaaac atttcatctc 60
ttcccagttc atctgaaagg aggtcccctg ggtaaacata ggaaagcagt tctgcaggct 120
catgaaggat gctcggctgg aggtcggggg gagcatggct gctttcccca gcatagcccc 180
catgttcccc accctctttg tgccccggat ctgcgatcct gagtccagaa gagctcagca 240
ggaagtggga actgagaagc tgttgggagc caggagggcc ctggaccctc tgttctctgc 300
cccagggtt cagccaccct gcaagcccct ccggacaagg caacgtcagc ccaggtagaa 360
aacttaagag tccctcctag aaaaccagt atgtgctggc cctttcaggg acacaggccc 420
cttcagcttc accggagatg agaaggtgcc acccgcaaca gggctgctgg tcacagctca 480
gtgcgcgatg ccttgggccac aatcaccagc ttggacagct cagctttgaa tgccccgggc 540
ctgtgagcca ctgctgtttt ggtcacttca aattcctcag ttttcagagg gacatcactt 600
tccctttcaa atgcggcttt agagtaggcc atggcgctact caatctcagc gccccgcacc 660
tctgccttga actgtgtgaa gtacagatag gacttcccct ggggcctcca gatggtgcag 720
gtgaagtgct ggtggtcttc gctgggtccc agactcatct gccattgctc attggtccct 780
ccttgagagg cgtaagtga catacacgta tatttgtccc ccgggcccac gttatgggag 840
aaggaatgca cgacgccgcc gggccgcacg tcaaacgcca ccgtcgtggg ctcgacacc 900
gcctccgccg gcctcagcgc cacggcccct aggagcagcg cggcccacaa gctcgcgccg 960
acgccgttcc accctccgct gggcgccgcc atgttggga 998

```

<210> 8469  
 <211> 2428  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1844)...(1405)  
 <223> similar to gi3875272 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8469
tttatttcca tacatgttta ttatatacac actgcctata gattctgttt aaataatctc 60
taagaaaaaa atcaaaacttt tctgagcagg tgattaagct gaaaacaacc aattaaaacc 120
accacttttt aagtgccttt tggtcacaaa tgtcaaaatg tttccacacc ctttccacc 180
tcaaacaaga gacaaactgt ttttgataaa ctctagtatt tattaaatta taaattttgt 240
aatcaaaaag aaaaatgcag accaaaaaaa cctcaaaacta taagactaga cagcaaagcc 300
tatgggaaca ccatgaagtg tgttacaaac attctgaaac ataagttact ggctgttttc 360
atttccattt caataacttt actataaaat agttgttatt catctatttt gaaatcccaa 420
attcacatct attcatacat taaattatgt ttctgtttca taatatcaaa catctcacag 480
gtgccaaatt ttagtaatgg tcttatgcc atccatgcag aaaaataaga cacaatgcag 540
gagtcagatg aggaccatta atgcacagat aatacaaaac cactggccaa aagaactaca 600

```

gaagtttttta	aaaagtataa	agtaaacaga	cctcaagaaa	actgggttat	tactaaacag	660
ctctcaacta	ttaacaccca	agttccttac	attaaataaa	tttctcaaca	gagacatggt	720
agacatttta	attatgagtc	tatccttccc	ataccoccttc	ccaccccaac	tcccaaaatg	780
cactactagg	gatgagtata	atggttatgtg	ggcagaaatt	tacaggtaac	cctttcaacc	840
ttgagcatgg	agctgaagac	atttttattt	aaacttcagt	tactgtgcac	tgtccatcag	900
gccttctaga	tctgacactg	acactcactg	ttccaccccc	tgctactgat	cgatcagttc	960
ccgatcgatc	tgatcgatcg	ggtagtgtct	ggtttgcat	agaaaccaa	agtctctggt	1020
gggtcaagga	gtgctgtgca	acaactgcag	atacatcctc	actatcacta	ctggcatctg	1080
attcagtttc	ttcaatggag	gtgtctgggtg	ctgggtaccct	gcctgaagat	ggtgattcat	1140
gatcttcttc	tccttctccc	ctatgactcc	tttcagctgt	gttgtctcca	ctgagttgta	1200
aatgacaaa	agagtcttcc	agagaagtgc	ttgcatcagg	ggatggtggt	gcagggttg	1260
ttaactgacc	atctactgat	gttagggggc	ttacagaaga	cactaggggc	tgaacagaag	1320
ctccactctg	tgctgataca	ctgtccgctc	cgtcagcaga	gctctctctt	gctaggttta	1380
cggattagc	atcacagtct	agcctaagtc	cagctactcc	cttctttggt	atatctatta	1440
tatctcgctt	aatcttccctg	cgacgtccat	gttcatttct	cctatatattga	accatgtttt	1500
caagatcagc	gacatacaga	aagccagcaa	ttaacatttc	agtgttcttt	ttaccttgg	1560
aaaaagcatc	ttccagctct	ctactagtgc	gctcatcgta	ctgccaccac	ccatttcttc	1620
cttcataata	ccatgcatat	tcaccatttc	ctctacttgc	tgcttgagt	tcttctggtg	1680
acaacaagg	tggttgtca	aggaaatcct	cggggaatttc	ttgtcgacaa	agagcacacc	1740
gctttccaag	ccatgaagct	ccttttacac	atagatagca	gaaaacgtgc	ttacagggca	1800
gactgactgg	atgaacacat	gtttgcagac	aaatggcaca	ttcaggagacg	gttaaagaag	1860
gtgcagtatt	agaacaggac	tcgttcgctt	tcctgtttgt	aggaagcatg	tttattgaat	1920
gatcaatttc	accacagcca	gccatcctgc	aaatcagagt	ttacaaagct	caggtaaaaa	1980
tggaacaaaa	aagtgccttg	taatcactaa	agcttcataa	aggtaacaat	catataagac	2040
caaaggagaa	aataacatga	atattgaaga	tcccatttct	attacagatc	ccacagatgc	2100
ctgccacaaa	aataaagcat	tttcttcacc	agcagtcagc	cagettacag	tattttctct	2160
tccactgctg	gttcatttct	tgtgcggccc	ctgaccccg	cgccgcccct	ctcaggcccc	2220
gagcgcaagg	ccgacccgga	gtacgttgcg	gctggagggtg	acaccgagag	ctatgcctcc	2280
tctccccgag	tgaggatcct	agagtggccg	gcgttcaccc	tgctcccccg	agagggcctc	2340
gctccgactc	ccacctctcc	ggccacagct	gcggccacct	cgcagtcttt	tctctctggc	2400
ctcggagccc	gcagctgccg	ggaacgcg				2428

<210> 8470

<211> 1884

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1608)...(192)

<223> similar to gil504042 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8470

tttttttttt	ttaatatga	aaaaatacaa	ttaaattttt	attaaaaata	catactcctt	60
acgcgatctt	tgtgtacatt	ttgtgtgaaa	aggaaaaaaa	aataggaaag	gcattaagac	120
tacctaatta	tttatactgt	atttggtaga	agcgtgtttc	agtcaaactt	taacgaaaaa	180
taagttattc	tgttttcatt	tgctcccgga	cgtcagaagg	cagagtttca	aacagagcat	240
cttctacaac	taaaccagct	cgcttcagag	cccagacagtc	acccagttca	ggaggaggga	300
tttcaaagt	attacctttt	ccatctaagt	aggaaagaaa	tagcaaattt	ccaattttcg	360

gtgaaagtac	agataggctg	ttttttccaa	tcttcagagt	tttaagtttc	ttgcagaagt	420
agagttcatc	tggaaggctt	tccactttgt	tacatgtgat	ggaaaaatac	tgtaaacttt	480
gtagaactcc	aattttcagg	gggataaaatc	gaatgtcatt	gtacgataag	tccaagtatc	540
ggatcttggt	gcataggaag	aggtgggaag	gcagcacctc	tattttattg	tgactaaagg	600
acaggcggtc	caggctgggtg	agtttcttta	tatgctctgg	gatgtaggtg	atgctgttat	660
gccacagttt	tagcactgtc	aactttctta	agtgtctgaa	gctaacgatt	tcttctatag	720
atttcagatt	gttttccttc	aggtccaatt	cctggagggt	gagtaggctg	aacacagcat	780
gaggaatac	ctccagggtca	cagtggacca	gctccagctc	tgtcagattg	gtcatcttct	840
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ggctggaaac	atcaaccact	gcctgaggga	ttttggaaac	gttgcttttg	atagagagaa	960
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ttagagagcc	aactagggtac	agctcttcca	gatttcggag	cccatacatc	caggggggga	1080
gttccctcat	gtcatcaaac	ttgacgtc	agaccttgag	gttttccttc	aggaaagaga	1140
gcgccgcact	gtggattttg	acagaacact	ggtgcagaga	gagctcttga	agattgtcta	1200
gctgtgcaat	gggtggctggt	atcattacgt	tcttaatgat	ttcaagtttt	agagattgca	1260
actctgtgat	ttcaaaaaca	gtgtctggaa	ggccagagag	catgataaga	ggcaattcca	1320
gtcgattatg	ggcatttgtc	tgtagcttct	gcctcagttt	atcaggagtc	cattcgttat	1380
ttaagttcag	ctgctttaat	ttgttttcac	tgacttcaga	caggaacact	gcaaattctct	1440
tggaatagag	agggtcatac	tgatctatca	tatgaagcat	aaaagcaaag	tcatttttca	1500
catctggaat	atcatcaaat	ccagtctcct	gacggacata	ctcaaaggaa	tattcccgt	1560
gagaacggta	gaacagccag	tataaggtat	aaaggcacgt	caatccatag	atactaacia	1620
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tctggcgaa	atacatggca	tatagaatat	caccttcttc	cacatgcagc	ctgaacttct	1860
tcaccttctc	aaataaggcc	ttag				1884

<210> 8471

<211> 2718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (668)...(1199)

<223> similar to gi4324682 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8471						60
tttcgtgttc	tgcgcgtact	ggctgtacgg	agcaggagca	agaggtcgcc	gccagcctcc	120
gccgccgagc	ctcgttcgtg	tccccgcccc	tcgctcctgc	agctactgct	cagaaacgct	180
ggggcgccca	ccctggcaga	ctaacgaagc	agctcccttc	ccaccccaac	tgcagggtcta	240
attttggacg	ctttgcctgc	cattttcttc	aggttgaggg	agccgcagag	gcgagggtc	300
gcgtattcct	gcagtcagca	cccacgtcgc	ccccggacgc	tcggtgctca	ggcccttcgc	360
gagcggggct	ctccgtctgc	ggtcccttgt	gaaggctctg	ggcgggtgca	gaggccggcc	420
gtccggtttg	gtcacctct	cccaggaaac	ttcacactgg	agagccaaaa	ggagtggaa	480
agcctgtctt	ggagattttc	ctggggaaat	cctgagggtca	ttcattatga	agtgtaccgc	540
gcgggagtg	ctcagagtaa	ccacagtgtc	gttcatggct	agagcaattc	cagccatggt	600
ggttcccaat	gccactttat	tggagaaact	tttggaaaaa	tacatggatg	aggatggtga	660
gtggtggata	gccaaacaac	gagggaaaag	ggccatcaca	gacaatgaca	tgacagagtat	

tttggacctt	cataataaat	tacgaagtca	ggtgtatcca	acagcctcta	atatggagta	720
tatgacatgg	gatgtagagc	tggaaagatc	tgagaaatcc	tgggctgaaa	gttgcttggtg	780
ggaacatgga	cctgcaagct	tgcttccatc	aattggacag	aatttgggag	cacactgggg	840
aagatatagg	ccccgcagct	ttcatgtaca	atcgtggtat	gatgaagtga	aagacttttag	900
ctaccatata	gaacatgaat	gcaaccata	ttgtccattc	aggtgttctg	gccctgtatg	960
tacacattat	acacaggtcg	tgtgggcaac	tagtaacaga	atcggttgtg	ccattaattt	1020
gtgtcataac	atgaacatct	gggggcagat	atggcccaaa	gctgtctacc	tgggtgtgcaa	1080
ttactcccca	aagggaaaact	ggtggggcca	tgccccttac	aaacatgggc	ggccctgttc	1140
tgcttgccca	cctagttttg	gagggggctg	tagagaaaat	ctgtgctaca	aagaagggtc	1200
agacaggtat	tatccccctc	gagaagagga	aacaaatgaa	atagaacgac	agcagtcaca	1260
agtccatgac	acccatgtcc	ggacaagatc	agatgatagt	agcagaaatg	aagtccataag	1320
cgcacagcaa	atgtcccaaa	ttgtttcttg	tgaagtaaga	ttaagagatc	agtgcataag	1380
aacaacctgc	aataggtacg	aatgtcctgc	tggctgtttg	gatagtaaa	ctaaaagttat	1440
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aatagacaat	gatggtggct	gggtagatat	cactagacaa	ggaagaaagc	attatttcat	1560
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gcagagcagc	agtacatgct	ggagtgggtc	gaaatcacgg	tggttatggt	gatgtaatgc	1860
ctgtggacaa	aagaaagacc	tacattgctt	cttttcagaa	tggaaatcttc	tcagaaagtt	1920
tacagaatcc	tccaggagga	aaggcattca	gagtgtttgc	tgttggtgtga	aactgaatac	1980
ttggaagagg	accataaaga	ctattccaaa	tgcaatat	ctgaattttg	tataaaactg	2040
taacattact	gtacagagta	catcaactat	tttcagccca	aaaagggtgcc	aaatgcatat	2100
aaatcttgat	aaacaaagtc	tataaaataa	aacatgggac	attagctttg	ggaaaagtaa	2160
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tttctacagt	taattacata	gtcatgattg	ttctacgttt	catatattat	atgggtgcttt	2280
gtatatgcc	ctaataaaat	gaatctaaac	attgaatgtg	aatggccctc	agaaaatcat	2340
ctagtgcatt	taaaaataat	cgactctaaa	actgaaagaa	accttatcac	attttcccca	2400
gttcaatgct	atgccattac	caactccaaa	taatctcaaa	tgaattttcc	acttaataac	2460
tgtaaagttt	ttttctgtta	atttaggcatt	atagaatatt	aaattctgat	attgcacttc	2520
ttattttata	taaaataatc	ctttaataatc	caaatgaatc	tgttaaaatg	tttgattcct	2580
tgggaatggc	cttaaaaata	aatgtaataa	agtcagagt	gtgggtatgaa	aacattccta	2640
gtgatcatgt	agtaaatgta	gggttaagca	tggacagcca	gagctttcta	tgtacctcgg	2700
ccgcgaccac	gctaagg					2718

<210> 8472

<211> 1810

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (750)...(1672)

<223> similar to gi2622601 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8472

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gggaaaaatt	acagtatttg	tggaagtcta	ctctgaatct	cccagaagat	cttttgaggg	120

ttcctgatga	gtcactcttc	ttaaatagtg	gtggagattc	cttaaagtcc	atccggctcc	180
tcagtga gat	tgaaaaactt	gttggtacat	cagtacctgg	gcttctggaa	attattctca	240
gcagttccat	tttagagatt	tataatcaca	tccttcaaac	agtggttcca	gatgaagatg	300
tgacattcag	gaagagttgt	gccacaaaaa	ggaaactcag	caacattaat	caagaggaag	360
ccagtggaac	atctttacat	cagaaagcca	tcatgacttt	cacttgccac	aatgagatta	420
atgcttttgt	tgtactgagc	agagggagtc	aaattttgtc	tctgaattcc	actaggtttt	480
taacaaaagtt	aggacattgc	tcttcagcct	gtccttctga	ctcagtttca	cagaccaaca	540
ttcaaaaattt	gaaaggttta	aattctccag	ttcttattgg	gaagtcaaaa	gatccatcct	600
gtgttgcaaaa	agttttctgaa	gaggggaaac	ctgcgatagg	gactcagaaa	atggagttac	660
atgtgagggtg	gaggtcagac	acaggcaaat	gtgtagatgc	ttcaccgctg	gttgtaatac	720
ccacttttga	taagtcatct	acaactgtgt	acattggttc	ccattctcat	agaatgaagg	780
cagttgactt	ttactctggg	aaggtaaaat	gggaacagat	tttgggagat	cgaattgaat	840
cctcagcatg	tgtatctaag	tgtggaaaact	ttattgtggg	gggctgttat	aatggattag	900
tttatgttct	gaaaagtaat	agtggagaaa	aatactggat	gtttactact	gaagatgctg	960
tcaaaaagctc	ggcaaccatg	gatccaacca	caggactcat	ttacattgga	tctcatgacc	1020
agcacgcata	tgcttttagat	at ttatagaa	agaagtgtgt	ttggaagtca	aaatgtggag	1080
gaactgtctt	ttcctctccg	tgtttgaacc	tgattccaca	tcatttgtat	tttgctacat	1140
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gtggaaaacc	actcttctct	tccccacaat	gttgtcaca	gtatatttgt	attggctgtg	1260
tagatgggaa	tttactctgc	tttactcact	ttggagaaca	ggtttggcag	ttctctacca	1320
gtggaccaat	cttttcatcc	ccgtgtacct	caccatcaga	gcaaaaaata	ttttttgggt	1380
cccatgattg	ctttatctac	tgttgtaaca	tgaaaaggta	cctgcagtgg	aaatttgaaa	1440
ctacttcaag	ggtctatgca	acaccgtttg	ctttccataa	ctacaatggc	agcaatgaaa	1500
tgttgctggc	agcagcatct	actgatggga	aagtgtggat	cttggaatct	cagagtggac	1560
aattgcaaa	tgtttatgaa	cttctctggg	aagctctctc	ttctcctgtg	gtcctggaat	1620
caatgctcat	tattgggtgt	agagataatt	atgtttattg	tctggattta	ttgggtggca	1680
atcaaaaaata	atcaaataca	gtccttattt	gtataacaaa	tgtgagatat	ttgaaaaatat	1740
tttaccatta	tacatcatgt	ggacttattt	tatattaaag	aagattatat	tttggctaag	1800
aaaaaaaaaa						1810

<210> 8473

<211> 1521

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (978)...(543)

<223> similar to gil79304 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8473

ttcagtttct	caacttaact	ttattttcaat	aattttaatag	aaaattaaaa	taataaataa	60
tatgaaacag	actgataacg	ctgagctggg	caggcccagg	ccagtctagt	acaaagttaa	120
ggaggtaggg	aggatggtgg	ggaggagggg	gcggaactacc	ctgcaggacg	cgggaggctg	180
ctcagactgt	ggtgatgtca	ggaagggccg	cacacttttg	catggacgat	gcactaaaaa	240
aagagaaagg	gaattctaaa	tccctcttaa	ccagctggag	aggggaaggac	gcagggccag	300
ggtggggaca	agtgttggct	tcggaaggct	ctgagtgggtg	gggccggaat	gtaccatgtt	360
gtagcaatg	gggttgggat	gggtggagaa	gggccaaaagt	gagctgtgcc	atgcaatgaa	420
gggacagagg	aggaccacg	acttggccag	cagagccggg	gcaaaaagtct	gggaagggga	480



gggaaagaga	gagggactgg	gtcccaaggc	aagaggaagg	cagggggagg	gtcagaggtc	540
agtccttgaa	gacaatttgt	tggccatgag	gacgctcgtc	gtgggtgata	tggcgccgga	600
catggatcct	gcggacacgg	tgtctctcgg	tctcttcata	ctccccgcgg	ccagccccac	660
cagctccagc	tgctccccct	gtggcctcca	ggagggctgg	gtctggggccc	cggggagtct	720
cgtagatgag	gatgttcagg	gtctcctcga	agatccgggc	ctctggaaat	tccaccttgg	780
tctgtttctt	ctccgtagca	tagacaatgg	aggtgcagca	cacctcggcg	atcttgcggc	840
cctgcccgtg	gaaagaccag	cagcagatct	cgtccccag	gacatccttg	aggaagagta	900
gccgcccgtg	gaagcgcagg	gccagcttgt	cgaacagctc	gatgttctta	agtaggttgt	960
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tggtgctcaa	cagagagcct	cctccacccc	tggggccagg	ctaaacgggt	ctcagaaggg	1140
aagccacatg	cgtgagcaa	atcccagcac	agcacagcac	agcagctcca	gtgagggacc	1200
gggagccagg	ccacctcccc	gggggtcctg	ggtgtcccca	ttttttaact	gggtgacact	1260
aggcaagtta	cttcacctct	tggtgtcccg	acctcctcat	ctgtaaaatg	gagctcacaa	1320
cagtactgac	ctcaaggggg	aggactctgc	cagttcctag	aatgagagca	cttgggatag	1380
gctcgccact	atcactttgt	cctcacccaa	acccatttac	tgatgactga	gctgaagctg	1440
agaagcagaa	aggacctgcc	tagagcgtca	ggggaagag	gcgaagccga	atctgcgagc	1500
aggcacagat	gttcttgtag	g				1521

<210> 8474

<211> 1655

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1182)...(1499)

<223> similar to gi5912023 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8474						
ccagtgcggt	ggaattcgtc	tacactgata	gattccatct	tatttttagga	atcagcgtgg	60
aattttctatg	ttcttttacgg	tcagatgcaa	ccatggaaag	cataactgct	tgcttacatg	120
cattgcaagc	acttctagat	gtaccttggc	ccagatcaaa	aattggcagt	gatcaggact	180
cgggtataga	attgctgaat	gttctacatc	gagtaatttt	aaccagagaa	tcaccttcca	240
ttcagttggc	ttcacttgaa	gtggtaaggc	agattatctg	tgctgctcaa	gaacatgtga	300
aggaaaaaag	acgaagtgca	gaagttgatg	atggggctgc	tgaaaaggaa	actctgccag	360
agtttgagaa	gggaaaggac	accggaggac	ttgtgcctgg	aaagtctttg	gtctttgcaa	420
cactggaatt	gtgtgtatgc	attctagtta	gacagctccc	agaattaaac	cctaaattga	480
caggtagccc	aggagtaaaa	gctacgaagc	cacagatact	attagaagat	ggaagtagat	540
tggtttcagc	tgcatgtggt	atcctttccg	aacttcctgc	agtgtgctct	cctgaaggaa	600
gcatctcaat	tctccctact	atattgtacc	tcacaatcgg	ggtcctcaga	gagactgctg	660
tgaagttacc	tggggggccag	ttatcttcga	cagttgcagc	ttccctacag	gctctaaaag	720
gaatattatc	ttctcccatg	gcccgggcag	aaaagagccg	tactgcttgg	actgaccttc	780
tccgaagtgc	cttaacaaca	attcttgact	gttgggatcc	agttgatgaa	acacaccaag	840
aacttgatga	agtcagtcta	cttactgcta	tcacagtgtt	tattttgtct	accagtccag	900
aagtaactac	catcccatgc	cttcagaagc	gctgtattga	taaattttaa	gctactcttg	960
agataaaaaga	tctgtgggta	caaatacaaga	cctaccagct	cctacattcc	atctttcagt	1020
atccaaatcc	agctgtttcc	taccataaca	tttactcttt	agcatcctgt	atcatggaaa	1080
aactgcagga	aatagacaag	agaaaacctg	aaaacactgc	tgagcttgag	atcttccaag	1140

aaggcataaa	ggtcttagaa	acactgggta	ctgttgctga	agaacacccat	cgcgctcagc	1200
tggtggcctg	tcttttgccc	atcctcatTT	ccttcctttt	ggatgaaaat	tctctgggat	1260
cagcaacttc	cataatgaga	aattttacatg	actttgctct	acaaaatctc	atgcaaattg	1320
gacctcagta	ttcatctggt	tttaaaagtt	tagtggtctc	ttctccagcc	ctaaaagccc	1380
gccttgaggc	tgctataaa	ggcaatcagg	aaagtgtcaa	agtcaagata	ccaacatcta	1440
aataactaa	gagtcctgga	aaaaactcaa	gcattccaatt	aaagaccagt	ttcctctgat	1500
tttttttttg	gaatagtaag	caccttaata	taataaatac	ttgatcattg	cctttggtga	1560
caaaagggac	attgtaaaca	caagtgccct	tagaggtcta	gttgattggt	ttaccttaaa	1620
tagctgtgac	tcttcaaagt	aacagcatat	ttaaa			1655

<210> 8475

<211> 2323

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2324)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (124)...(689)

<223> similar to gi5931612 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8475						
ggaattcctc	acctctcgtc	cagggacatg	acgggcacgc	caggcgccgt	tgccaccocg	60
gatggcgagg	ccccgagcg	ctccccgccc	tgcagtccga	gctacgacct	cacgggcaag	120
gtgatgcttc	tgggagacac	aggcgctcggc	aaaacatggt	tcctgatcca	attcaaagac	180
ggggccttcc	tgtccggaac	cttcatagcc	accgtcggca	tagacttcag	gaacaagggtg	240
gtgactgtgg	atggcgtag	agtgaagctg	cagatctggg	acaccgctgg	gcaggaaacgg	300
ttccgaagcg	tcacccatgc	ttattacaga	gatgctcagg	ccttgcttct	gctgtatgac	360
atcaccaaca	aatcttcttt	cgacaacatc	agggcctggc	tactgagat	tcagtatgat	420
gcccagaggg	acgtggtgat	catgctgcta	ggcaacaagg	cggatatgag	cagcgaaaga	480
gtgatccgtt	ccgaagacgg	agagaccttg	gccagggagt	acgggtgttc	cttcctggag	540
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aaataccggg	ccgggcatca	ggcggtatgag	cccagcttcc	agatccgaga	ctatgtatgag	660
tcccagaaga	agcgctccag	ctgctgctcc	ttcatgtgaa	tcccaggggg	cagagaggag	720
gctctggagg	cacacaggat	gcagccttcc	ccctcccagg	cctggcttat	tccaagaggc	780
tgagccaatg	gggagaaaga	tggaggactc	actgcacagc	cgcttcctag	cagggagcta	840
tactccaact	cctacttgag	ttcctgcggt	ctccccgcat	ccacagggag	ggtaaaacac	900
ttagctttta	ttttaatagt	acataattta	ataccaaaaa	aggcgcttgg	atccccaaaa	960
aaccgaggct	gggagctagt	ggcccttttg	ctttcttagga	cttggggggc	cgccctccc	1020
tcctaagcat	aacaaagggtg	gtgttgctcc	agctcagccc	caggggacac	agatgcactt	1080
tgggggtgag	ggcaggtaat	gactccatcg	caccctcagt	tcagctggac	agaggctcag	1140
gtgacccag	ccttctactgt	ctcccgtctc	ccaggagctt	atcttcgccc	catctcccaa	1200
ataagtgggc	ccttgtgctg	tgaggaagac	caaagcctca	gggaagataa	gagatatgga	1260
gatgggaggg	ggaggacaag	gggcagagag	tagggctctag	ctggctatct	ctggccttac	1320
taacaccccc	ctggaggcat	gccccttttc	tccagcacac	aagcacattg	gggcacctgg	1380

aaatattggt	tccaggtctc	tgttctctgg	acttcagatc	ctggggggagc	ccctcccccc	1440
cctgaatccc	tggcttagct	accttcctgc	ctgtgcacct	aaaaacctca	ggtcagaact	1500
aggaaaagag	ttttgttttt	atTTTTTTga	aatggagtct	cgttctgtcg	cccaggctga	1560
ggtgcagtag	tgcaatctcc	gtcactaca	acctccactc	cctgggggctc	aagcgatcct	1620
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agctcaagca	acctgccggc	ctcggcctcc	caaagtactg	ggattacacg	cagaaggcac	1800
catgcccagg	ctagatgtgt	cttatcccaa	tcctttggca	ggcatgcagc	tccacaggcg	1860
atttcttcaa	gcagctgaag	tgttttagccc	tcctgggtta	agagccagat	aaggagaaat	1920
cccttttcta	ggtttTgaat	gtgtttgtgaa	aaaaaagaga	aatccctggc	tcctggagct	1980
ggtggggagac	aagattaagc	aaacctcccc	tgacatgtat	ccctttgacc	ccaagctctg	2040
cctcctccct	gaccaccat	gccctttcct	ttaacttctc	aaacagatac	cagggcctaa	2100
actgctttac	ctccccctcct	actgagtcag	gttaggtgggt	ggggagggttc	aaccatttct	2160
cgagtttaaa	cccaatgcaa	tattgagtaa	aacaaagttc	atgtggggta	ttgtctgggg	2220
tagagagagg	ggtagcaagt	tcatgtgtcc	tccttggtca	catatctccc	aaagctctga	2280
tcctnccat	gggaagtgga	caggaaacat	gaggtcatga	cct		2323

<210> 8476

<211> 2794

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (31)...(1862)

<223> similar to gi932 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8476						
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ggcgggtggac	gtgggtgccg	aggggaagaa	aataaagaaa	acgaacgccc	ttcggccgga	120
tcgaaggcaa	acaaagaatt	tggggatagc	ctgagtttgg	agattcttca	gattattaag	180
gaatcccagc	agcagcatgg	tttacggcat	ggagattttc	agaggtacag	gggctactgt	240
tcccgtagac	aaagacgtct	tcgaaaaaca	ctcaacttca	agatgggtaa	cagacacaaa	300
ttcacaggga	agaaagtgc	tgaagagctt	ctgaccgata	atagataact	gcttctgggt	360
ctgatggatg	ctgaaagagc	ctggagctac	gccatgcagc	tgaaacagga	agccaacact	420
gaaccccgaa	aacggtttca	cttgttatct	cgcctacgca	aagccgtgaa	gcatgcagag	480
gaattggaac	gcttgtgtga	gagcaatcgc	gtggatgcca	agaccaaatt	agaggctcag	540
gcttacacag	cttacctctc	aggaatgcta	cgttttgaac	atcaagaatg	gaaagctgcc	600
attgaggctt	ttaacaaatg	caaaactatc	tatgagaagc	tagccagtgc	tttcacagag	660
gagcaggctg	tgctgtataa	ccaacgtgtg	gaagagattt	cacccaacat	ccgctattgt	720
gcatataata	ttggggacca	gtcagccatc	aatgaactca	tgcagatgag	attgaggtct	780
gggggcactg	agggctctct	ggctgaaaaa	ttggaggctt	tgatcactca	gactcgagcc	840
aaacaggcag	ctaccatgag	tgaagtggag	tggagaggga	gaacggttcc	agtgaagatt	900
gacaaagtgc	gcattttctt	attaggactg	gctgataacg	aagcagctat	tgccaggct	960
gaaagcgaag	aaactaagga	gcgcctgttt	gaatcaatgc	tcagcgagtg	tcgggacgcc	1020
atccagggtg	ttcggggagga	gctcaagcca	gatcagaaac	agagagatta	tatccttgaa	1080
ggagagccag	ggaaggtgtc	taatcttcaa	tacttgcata	gctacctgac	ttacatcaag	1140
ctatcaacgg	caatcaagcg	taatgagaac	atggccaaag	gtctgcagag	ggctctgctg	1200
cagcagcagc	cagaggatga	cagcaagcgc	tcaccccggc	cccaggacct	gatccgactc	1260

tatgacatca	tcttacagaa	tctggtggaa	ttgctccagc	ttcctgggtt	agaggaagac	1320
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ttcattgtct	agtcctatgt	gctggtgaag	aagtggagcg	aagcccttgt	cctgtatgac	1440
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aaggacctgc	ctgatgtgca	agagctcatc	actcaagtgc	ggtcagagaa	gtgctccctg	1560
caggccgcag	ccatccttga	tgcaaacgac	gctcatcaaa	cagagacctc	ctcctcccaa	1620
gtcaaggaca	ataagcctct	ggttgaacgg	tttgagacat	tctgcctgga	cccttccctt	1680
gtcaccaagc	aagccaacct	tgtgcacttc	ccaccaggct	tccagcccat	tccctgcaag	1740
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gaacagaaga	ccaagagtgg	cctcactgga	tacatcaagg	gcatcttttg	attcaggagc	1860
taaccaggct	cttcctcggg	ggcgggggag	attctgactc	ttaatctgta	ttgtgagaaa	1920
atcccagcaa	gttccatgat	attaaatcca	ggtctgcatt	ggcccggggc	aagagtttaa	1980
catcttcggc	cctgcattcc	tacatcttgt	gtctgtacac	gttcttaagc	agcgtgtcag	2040
gagagcacc	tggtgtcttc	tggtaaagt	gtgcagggtc	atcctgtctc	ctgtacctcc	2100
tgggaagggg	gcccgtgctg	tctggtgccc	tgtgagctgt	gattgattgc	ctttggtcag	2160
taatgcgttc	aggagtccac	accaggcaca	gatggggcct	tgaacgctt	tgtcatgctt	2220
cttcagtacc	atggatttga	aatgaactca	tccttgctgt	gagcatccag	gagcccttga	2280
gaagtttatc	tatgactatg	aaactggcaa	cgtcacccca	gaattacggt	cagccttatt	2340
ccccttcacc	tcccagtga	cgctaagaag	tttcagacaa	gcagagagct	ctatttttag	2400
aagaaatatg	ttacactcag	aaatgatgaa	accaaactct	atattaaaag	gcaaagatga	2460
cggagactgt	gcccatttct	tatatgccct	tccctcatgg	tccagtcccc	gttctctcct	2520
tcgggagcct	tagttgcgtg	aagccgggtga	ggtcaagtgt	aacctgactt	accggcaact	2580
aggtgaggct	gatgccagat	acacatgtta	gaggcactat	ttttcaggac	ttcccaatgt	2640
gtaattttta	aatgccatta	tattttaatc	cccttcgtta	ccccccgttt	ttccttagtc	2700
atcccttttc	acttctatta	taacatcaat	aatagaagtc	acaaaatcaa	tgtaagaaag	2760
caaggaataa	aagtgattta	aacatgaaaa	aaaa			2794

<210> 8477

<211> 2318

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (89)...(1642)

<223> similar to gi178390 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8477

attaatcccc	cctccttccc	ggtcgggtca	gtggccctga	gaccctagct	ctgctctcgg	60
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cctgggcccgc	cgctcttgt	cagccgcgc	caccaggcc	gtgcctgcc	ccaaccagca	180
gcccagggtc	ttctgcaacc	agattttcat	aaacaatgaa	tggcacgatg	ccgtcagcag	240
gaaaacattc	cccaccgtca	atccgtccac	tggagaggtc	atctgtcagg	tagctgaagg	300
ggacaaggaa	gatgtggaca	aggcagtga	ggccgcccgg	gccgccttcc	agctgggctc	360
accttggcgc	cgcattggacg	catcacacag	ggccgggctg	ctgaaccgcc	tggccgatct	420
gatcgagcgg	gaccggacct	acctggcggc	cttgagagacc	ctggacaatg	gcaagcccta	480
tgtcatctcc	tacctggtgg	atttggacat	ggtccctcaa	tgtctccggt	attatgccgg	540
ctgggctgat	aagtaccacg	ggaaaaccat	ccccattgac	ggagacttct	tcagctacac	600
acgccatgaa	cctgtggggg	tgtgcgggca	gatcattccg	tggaatttcc	cgctcctgat	660

gcaagcatgg	aagctggggc	cagccttggc	aactggaaac	gtggttgtga	tgaaggtagc	720
tgagcagaca	cccctcaccg	ccctctatgt	ggccaacctg	atcaaggagg	ctggctttcc	780
ccctggtgtg	gtcaacattg	tgcttggtat	tggccccacg	gctggggccg	ccattgcctc	840
ccatgaggat	gtggacaaag	tggcattcac	aggctccact	gagattggcc	gcgtaatcca	900
ggttgctgct	gggagcagca	acctcaagag	agtgccttg	gagctggggg	ggaagagccc	960
caacatcatc	atgtcagatg	ccgatatgga	ttgggcccgtg	gaacaggccc	acttcgccct	1020
gttcttcaac	cagggccagt	gctgctgtgc	cggctcccgg	accttcgtgc	aggaggacat	1080
ctatgatgag	tttgtggagc	ggagcgttgc	ccgggccaag	tctcgggtgg	tcgggaaccc	1140
ctttgatagc	aagaccgagc	aggggccgca	ggtggatgaa	actcagttta	agaagatcct	1200
cggctacatc	aacacgggga	agcaagaggg	ggcgaagctg	ctgtgtggtg	ggggcattgc	1260
tgctgaccgt	ggttacttca	tccagcccac	tggttttggg	gatgtgcagg	atggcatgac	1320
catcgccaag	gaggagatct	tcggggccagt	gatgcagatc	ctgaagttca	agaccataga	1380
ggaggttggt	gggagagcca	acaattccac	gtacgggctg	gccgcagctg	tcttcacaaa	1440
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gttcagcaag	atcagcaaca	aaaccaagaa	aatgatcct	tgcgtgctga	atatctgaaa	1740
agagaaatth	ttcctacaaa	atctcttggg	tcaagaaagt	tctagaatth	gaattgataa	1800
acatggtggg	ttggctgagg	gtaagagtat	atgaggaacc	ttttaaacga	caacaatact	1860
gctagctttc	aggatgattt	ttaaaaaata	gattcaaatt	tgttatcctc	tctctgaaac	1920
gcttctata	actcgagttt	ataggggaag	aaaaagctat	tgtttacaat	tatatcacca	1980
ttaaggcaac	tgctacaccc	tgctttgtat	tctgggctaa	gattcattaa	aaactagctg	2040
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ggctcgcgcc	tgtggtccca	tagtgcctgg	attgcaggcg	tgagccaccg	tgcccggcca	2160
actgtagggg	ccagccccac	agggctcggg	ggtttttctc	cccatgtgcg	gagacgagag	2220
attgtagaaa	tatagacaca	agacaaagag	gtaaaagaaa	agacagctgg	gcttggggga	2280
ccactaccac	caagaggcgg	agaccggtag	aggccccg			2318

<210> 8478

<211> 2795

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (353)...(2380)

<223> similar to gi3255952 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8478						60
tggtgcaact	cctaagacaa	agcacatgac	atgccattgg	ttggttgcctg	ttgttgtttt	120
tctttcccta	ggatgtgctt	ttttgtctac	ttctttcact	ggatccttaa	cagcaaattg	180
tggttcggat	tgctctgtct	tgtatcacia	tcttaattgt	tacacacctt	tcaaagtgtc	240
aatttttagaa	tcttgtgctt	agcccttggc	tcatcctaac	ctccttggtc	ccttgggggtc	300
ggagtgtttg	gaatatggca	gggctgatgg	gcattgagtc	cctgcacagt	ccaccacaaa	360
gccccggggg	cctaagggat	aaatcctcgc	tctcctctgt	ctcctggggt	aggtgatctt	420
tgacgagact	ctacagaagt	gcctggactc	ctacctgcgc	tatgtccccc	gcaaattcga	480
cgaggggggtg	gcctcagccc	ctgaggttgt	tgacatgcag	aagcgctccc	atcgaagtgt	540
ttttctcacc	ttcctccgca	tgtccactca	caaggaatcc	aaagatcact	tcatttcccc	

ttctgcggtt	ggagaaatcc	tctacaataa	cttcctcttt	gacattccaa	agatcctgga	600
cctctgcgtg	ctcttttgaa	aaggcaactc	accactgctc	cagaagatga	taggaaacat	660
ctttacacag	cagccaagtt	actacagtga	cctggatgaa	accctgccta	ccatccttca	720
ggtcttcagc	aatatcctcc	agcactgtgg	tttgcaaggg	gacggggcca	ataccacacc	780
ccagaagctt	gaggagaggg	gccgattgac	ccccagtgac	atgcctctcc	tggaattaaa	840
ggacattgtt	ctctaccttt	gtgataacctg	caccacactt	tgggcctttc	tgatatcttt	900
ccctttggct	tgccagacct	tccagaagca	cgacttttgt	tacagactag	cttcctttcta	960
cgaagcagca	attcccga	tggagtctgc	aattaagaag	aggaggcttg	aagatagcaa	1020
gcttcttggg	gacctgtggc	agaggetctc	ccattccagg	aagaagctaa	tggagatttt	1080
ccacatcatc	ctgaaccaga	tctgcctcct	tcccatacta	gaaagcagct	gtgacaacat	1140
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<210> 8479

<211> 2350

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (101)...(1314)

<223> similar to gi3766199 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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aaaaaaaaa 2350

```

<210> 8480

<211> 5653

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (5612)...(4654)

<223> similar to gi5262636 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 8481

<211> 2992

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (76)...(1313)

<223> similar to gi3171908 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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aaacggaggg ggggtttctc tttccatcat ctggttttta ccatttccat cagtaggtat 2580
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gaacaaatgg ggaaaactga aaactaaaaa ttttaaatgt attaaatgcc atccctgagc 2700
ctaaatctag tatttgtagt ttatttctag gtctgctaga acctgaaaac ctgaatgaaa 2760
aaaggtgtgc tgacactaat caagtcctgt gaggtttaa ttattgacct atccactcta 2820
cctccattgt acaaaaaata ttttacaaca agcctgggta agattcaaca gcatagtagt 2880
tttgatcca aggttacttc ccacaacca cttaaacaat aagaaatgtg gtggcaatat 2940
aaagtttgta gcctttccaa taaaggttta taaaacagtt aaaaaaaaaa aa 2992

```

<210> 8482  
 <211> 983  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (80)...(379)  
 <223> similar to gi5824468 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8482
attagttacag tgcgggtggaa ttcgacggcg gtcggcggtgg ggcgctatgc cggggcggca      60
cgttttctcga gtccggggcat tgtacaagcg cgtcttgcag ctgcaccgtg ttctgcccc      120
ggacctcaaaa tccctgggcg accagtacgt gaaagacgaa ttagggagac ataagaccgt      180
tggtttctgac gaggcacagc gtttcttgca agaatgggag gtgtatgcaa cagcgttatt      240
gcaacaggct aacgaaaaca gacaaaattc aactggaaaa gcatgttttg gcaccttcct      300
cccagaagaa aaacttaatg actttcgtga tgaacaaatt ggacagtgc aggagctgat      360
gcaagaagcc acaaaaccca ataggcaatt tagtatttct gagtctatga aaccaaaatt      420
ttagtctata caacaaagct taataagaca tgcaaaaatt tagaaccctt actttaactg      480
tcattgggtt ttgaaatata ttttaagctt gaaaacacct gttattaatg aaatactctt      540
ttattttgga tattatgatt gcagtatatg gatcaagatc actagtgaca attgaaaaaa      600
actattggaa taatagcact tgtataaaat tcagttttgg aactaaacag caaatttcta      660
gaattttgct gaaaatgttt taaaatgcta ttctcatcca gccatattag tcttctggct      720
tttcttttagc ttcatacaat aagcatgttg tgataatgat agatgtacaa ttccaacaag      780
gttattatatt ttttaataca ttgtcattct gaacatttta tcacttctag ttttaataata      840
catacatgat ttttcttctg aatgtctctt ctccctgcat cactgttcat tcacaatgaa      900
aggttaggaa gaagctttta aattcactat tttactatca atcatttgta taataaacta      960
tacaaagtat aaaaaaaaaa aaa                               983

```

<210> 8483  
 <211> 1932  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1807)...(757)  
 <223> similar to gi4128133 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8483
gaaggattaa aaatatataa tcaaattttt tttttatttt tctacagcaa aataaaaaaca      60
ttatttttaa aaagcaatat tctacattaa atacattaag atattgacaa ttttataaat      120

```

acaatcattt	taaacagtaa	acatgataaa	tttctgatac	aagggttttac	atacgttaat	180
tgtgaaaata	taaaaacttt	acacacttct	cttaaaaagc	attcaacggt	aatcaatttt	240
acaaaattat	caatttaaaa	agtgttagga	tatgcttcta	ttttgttccc	attattaggg	300
ccaatggata	ggcatatcag	atcttaaaaa	agaaatggtg	aattagggcc	taagacatcc	360
ctatattgcc	taaaaacgaa	catttcagag	actttcttag	gcactgagtt	caaaaccagt	420
gaaggttgcc	ttctccctag	gcaccactac	ccctcatggt	tgtccgaatc	aggagacttc	480
ttcctggcta	cccttaggga	gagtcttcta	cacctattat	ttcctagttt	ctaggagaaa	540
gggtttcaga	aagaattttg	acattttaat	tctatgccag	tactgaaact	ctcccaaaga	600
ttgaggcatt	ctgcatttga	atthttataca	gaaagtcag	aatctaattc	caaaagaaaa	660
gagtgcactt	catttggtca	cttaatttca	taccacttgg	cgaggttaga	taactttctt	720
ctttgacaac	tgtctcgact	atataaatgg	tgattatacc	ggaaaggggt	ctaattgcctt	780
ttccacattc	ttccagttgt	gaaaattctc	tctgtaccat	tcaattgttt	tctttattcc	840
ttctttccaa	ggcactttag	gtctccatcc	taagccatgt	atthttttctg	acttcattgg	900
gtatctcatg	tctatgggtg	gtctatcatt	aacataatca	acccaatttt	ccatttcaga	960
ctctgaattg	gtctctttga	tcagttgtat	tagttctttg	gcaagctgga	caactgacat	1020
ttcaaaattg	gttccgatgt	tataaatttc	acctggtttc	ccttttttga	ggacagttag	1080
aaatgcttct	acaacatcag	tagcataaag	gaagtttctt	gtttgaagcc	ctgacccatg	1140
aatgcaacat	ttcctgttgt	gctgtagcaa	agatataaat	tttgaataa	ccttttctgg	1200
atattgatgt	ggtccataaa	cattactgct	tcttgtgatg	acaactggaa	acttatattg	1260
ttcccagtaa	gactgtacaa	aacattcagc	agctgcttta	gatgatgcat	aaggatttgt	1320
aggttgtttg	ggtgaagatt	catcaaattc	cttatcaaga	ctgccaccat	atacttcatc	1380
tgtgctgaca	taaataaact	tctccactct	ggcttcatga	gcagcactta	ccaaaacgtg	1440
agtgccataa	acattaacat	aggtaaactc	aaaggcacgt	acgaatgaaa	gatctacatg	1500
tgtttgtgcg	gcaaaatgta	gtactatata	tattttctct	gtttcaaaaa	gcagtttcac	1560
aaagtgagaa	tcacatatgt	caccctgtat	aaatttgtag	ttctgtttgt	tagaaatggg	1620
ttcaagattc	ttcaagcttg	cacagtaatc	cagcttgtct	agatttatga	tcatatagtt	1680
tggataatct	tccactaaag	agacaatcat	atgtgatgca	atgaaaccag	caccgccggg	1740
caccaggacc	cgcttcgcaa	agccgccggg	aagacccac	ggttcctccc	aacacgccgc	1800
cgacatctcc	cagctcagca	gtgcctagta	ccgtaaagag	tatggctctga	aaagcgcagg	1860
gaagttccgc	cgcgaccttt	tgcgtacgcg	cctcgctcgc	gggacacggt	aacagagcag	1920
ccagagacga	aa					1932

<210> 8484

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(426)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (49)...(420)

<223> similar to gi4107088 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8484

ccacaacgct atcctcgaga acttcggcat ttaacaggag nccagcgnga ggtgcagctg

60

gtggagtc	cg	ggggaggc	tt	atttcac	tc	cg	gggggg	tccc	tgagact	ctc	ctgtgcag	cc	120
tctggatt	ca	ccttcag	caa	ctactgg	atg	ca	ctgggg	tcc	gccaa	gctcc	agggagg	ggg	180
ctgatgtg	ggg	tctcacg	tat	taataat	aat	ggggata	acca	caaattac	gc	ggactcc	g	240	
aagggtc	gat	tcaccat	ctc	cagagaca	ac	gccaa	gaaca	ca	ctgtat	ct	ccagttg	gac	300
agtctga	ggg	tcgagg	acac	ggctgtg	tat	tactgtg	caa	gagagg	ggc	cc	gtctact	at	360
catagtag	tg	gttattac	tc	tgtaatag	gc	caggga	accc	tggtcac	c	ctcctcag	ca	420	
tcccc												425	

<210> 8485  
 <211> 1458  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1459)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1297)...(646)  
 <223> similar to gi4583677 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8485													60
tttttttt	ttccagg	acg	ctcacact	tta	gtttttat	ta	gccacag	ttt	cccacag	ttt			120
tctacctc	ct	aggaaata	ca	cagctcac	ca	agggcac	cca	gtcaccat	tc	tgtcctg	ctt		180
gcatggct	ga	cactgttg	ct	caccgagg	gt	gagcagat	ct	gcaaagtc	ac	ccagggc	ctg		240
gtttcctc	ag	gtacagaga	aa	ccccaaa	gaa	agaagag	cca	gaacttag	ag	ccccttt	ctt		300
ctccatat	gg	gataggac	ac	ccaagaca	aaa	tgacccat	gc	atcatgaa	ac	agaggca	ggg		360
ccctaagc	tg	cccaagag	gc	ctgggcac	tt	ggagtctc	ctg	ccaacag	cca	ggccact	gaa		420
ccattgct	tg	tccacctc	cc	cacagtgg	ct	aatccctg	gc	ctagttgt	aa	atgtcttt	tc		480
agcgtgca	c	acttaatg	ca	gtcggatg	cc	ttctgatt	ac	tggtctct	ga	gaccttc	cagc		540
tgctgagg	tg	caagaatc	aa	gcatgggc	at	gaaaggca	aaa	gggctacc	ac	agcagcat	cg		600
ttctgcct	cc	accctggg	ct	acgcgacc	ca	gcccagca	gg	ctgtgac	cta	ggagagct	gc		660
tccagcct	gg	ggcatgag	gg	gcccagag	gc	aggatgcc	gg	ggctagg	agt	ggactgcc	ct		720
gctgatgg	gt	cgtttttc	ctg	tgaagaag	ct	tttcaacag	t	agcacctg	ac	tgaagctg	ac		780
cacgaacag	g	gcaatcgt	ct	cgccaaca	ga	ccagtaag	ag	actcggct	at	taaggctc	tc		840
cgctcggg	cc	cggtcctg	gg	cctcccgc	ag	ccggtaat	gc	gtctggg	agt	caatcac	c		900
tttcagag	cc	tcatggat	gg	tcacgcag	gc	ggactccat	c	tggttgag	ag	ctgtgacc	ct		960
gttccccat	g	tctgggag	aa	tgggaggc	tc	atcgccca	ct	tgaaaagt	caa	agtagac	gg		1020
cttgtgag	ag	aaggtgg	aaa	actcattac	t	gaagcaaa	ac	tgataaac	gc	ccttgact	tc		1080
agcccggt	ac	gtgaagct	gt	cgtactgt	ct	cttcgttt	ct	ctgtagat	gg	tgttccc	ctg		1140
gggtcctc	tc	acatagca	gt	caacatcg	ta	gtggcctc	ca	gtgatgac	ct	ggtaatcc	ag		1200
ggagaact	tc	acgccctg	ct	ccacctcc	tc	gtggaagc	ac	tgcttggc	gt	tgtccgg	cag		1260
ctcgaagg	tg	agctcgg	ccc	cgcagggc	tg	ctcggccc	gg	cgcaggag	ca	gcagcaga	ag		1320
cagcacgg	ag	gcggagc	gcg	ggacagt	gct	gcccata	gatg	ctctcgg	tcc	cgtctcg	agg		1380
gccgcggc	tc	ggcgctgc	g	cccccg	gcg	gctgggg	cga	cgactacc	ga	ccgggtc	cta		1440
ggaggatg	ta	aggggata	aaa	cgtggcac	ca	gcggagct	ct	gcgccgg	acg	cgtggctc	ga		1458
ccggaant	g	cggagc	g										

<210> 8486  
 <211> 1271  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1217)...(774)  
 <223> similar to gi3879850 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8486
tttttttttt ttgataataa agtgggtttgt tgagatttag gattttatta ttattttattt      60
ttagaaaaaa gagaaaattt acaagatgca aaggctctcac acaatacatt atcattgatg      120
attgctctct tgacacttca acacggggccc tggcaataaa aagaacatgg acagtgtgag      180
tgtattggag aacccccgcc atggacacgc agaatacacc acagtggact tgatgacaaa      240
tgatgctggg ccagcctgtt ccaaaaagcaa gccaaagatgt ggtagaaacc aacaaagcct      300
ttctgtgggg gaggcacgag cgcacacctt ctaccacatg cgcacccgcc ccctggccca      360
ccggcagtgcc ccactgcata actccaccac agcaacaaca gaaaacgata aaacgggtcct      420
ttgggtgttt ttgcagagct attcaggttc ccaaattctt atttctgtct tcctcttcat      480
gtttcagttc caaattctta aagtagtgta ggtgcttagc atcttgaatt tttcaggatc      540
cagttctgcc caatgataac aactgaatt ctgcctcctg agctacggct cccgttcaga      600
ggacacgtcg cctcagccc cgctgctggc actgcggtct tcttttcggg gagtgtttct      660
ttccttgctt gattcagaag gtcccttagc tctgggtctt tctttcctct gctgctgttt      720
ttcgagcttt gacagctgct ttgggtcaga ggtagcagtg ccgggagctg gcgattccag      780
ctctatggtc acaggcccat cattctgaat gtgcacctgc atgtaggccc caaacttgcc      840
atctttgata agctccggcc tgtatgtttt acgcagctgc tccaggaagc tgttgtagaa      900
gocctctgcc tgctccgtgg gcattgctag gtggaaatca ggcttgtttc ccttcaggac      960
acactggagg gtaaaactggc tgacacacag aatctcgtac tgtttgcca tcacactctt     1020
cgaccagtgcc tccccactct catcctcaaa tacacgcagg tttagaatct ttcggaccat     1080
gtgttccagt tccttctgcg tctcctccag ggaaataccc agcaacacac atatgccctt     1140
tccaatggca ctaatctgct ctctccaac tgtgacgtg gcccggtga cgcgctgcac     1200
cacggccttc atggcggcgg ctggggcgag tggggcgggc ccgcgctgcg tccggcctcg     1260
cgaattccac c

```

<210> 8487  
 <211> 1805  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (111)...(911)  
 <223> similar to gi5832792 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8487
gcggccgcgg cggaacatg gaggagctgc tgaggcgcca gctgggctgc agctctgtca 60
gggccacggg ccactcgggg ggcgggtgca tcagccaggg ccggagctac gacacggatc 120
aaggacgagt gttcgtgaaa gtgaacccca aggcggaggc cagaagaatg tttgaagggtg 180
agatggcaag tttaactgcc atcctgaaaa caaacacggg gaaagtgcc aagcccatca 240
aggttctgga tgccccaggc ggcgggagcg tgctggtgat ggagcacatg gacatgaggc 300
atctgagcag tcatgctgca aagcttggag ccagctggc cgatttacac cttgataaca 360
agaagcttgg agagatgcgc ctgaaggagg cgggcacagt ggggagagga ggtgggcagg 420
aggaacggcc ctttgtggcc cggtttggat ttgacgtggt gacgtgctgt ggatacctcc 480
cccaggtgaa tgactggcag gaggactggg tcgtgttcta tgcccggcag cgcattcagc 540
cccagatgga catggtggag aaggagtctg gggacaggga ggccctccag ctttggctctg 600
ctctgcagtt aaagatccct gacctgttcc gtgacctgga gatcatccca gccttactcc 660
acggggacct ctgggggtgga aacgtagcag aggattcctc tgggccgggtg atttttgacc 720
cagcttcttt ctacggccac tcggaatatg agctggcaat agctggcatg tttgggggct 780
ttagcagctc cttttactcc gcctaccacg gcaaaatccc caaggcccca ggattcgaga 840
agcgccttca gttgtatcag ctcttttact acttgaacca ctggaatcat tttggatcgg 900
ggtacagagg atcctccctg aacatcatga ggaatctggt caagtgagcg ggccttactc 960
tggaaggagg cctcagagggt ttctccacag tcctcttctg ggcaaattct tgtttcttca 1020
catgccggac tagcttaaga ccaatgcagt agcttatttc caagccttgc aaagtatata 1080
atatctaaga ggaaaggttt tgtcatccca gcgttgtcca ctttgtgggg ctttgtagggt 1140
agacggagcc aactacagg caggggtatga gcagagggat gtatggagtg tgggtgactc 1200
tgagcctcac tgctgctgca aggtggggaa actgtaagtg aaccctgtg ggtgcggggg 1260
agggatatccg gtgcgcaggg aggtggccag cgccccggg cactgctgct cataggtacc 1320
tttccgctgc ctctccctg ctctcctgtg caggaatgtc tctgagctgt tcacgttgat 1380
gcttcttggt tggcaagact tgggtgtaga catgaaacca tcttactaaa agcgtcttaa 1440
aatgaccaat tccagaatca agcgtattcc gttttcttcc tgcattgatc ctgggccctc 1500
ccgcaggctg agcaagtctg taaactgatt ctgggagaaa ccaagctgct ggccgtaggg 1560
tgtccttggg tacatccagg agtcttcatt gcttctgtta ttaccccgtc tcctctgcca 1620
ttttctacag cttgctgagt tgtcattcct ttgcaacatt aaaatacatg ctgaactcat 1680
attttctcct ccttcaactgt tgtagtaaa agacatattt catgaatggc attgatgcta 1740
ataaatcctt tgcacaaaaa tttgaataaa cttccagtgg tttcgataat gtaaaaaaaaa 1800
aaaaa 1805

```

```

<210> 8488
<211> 1390
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1391)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (927)...(617)
<223> similar to gi2979531 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8488
tttttttttt ttctctttgt aagtagtgta ttttaaatag ctttcaagat acacatatatt 60
tttccttttaa aaaagtctgt tggagcagtt ttgttcttga attttgctgg tcatcctcat 120
ggtcccagagc cccctactc cgggtcgtgg aggcggccga gggggaggct gggggccac 180
gtggcccgtc ctggcggcac ctgcagcact gggggagccg ctgaaccccg tgcttcagcg 240
ctgggggagc cgctggggcc cgtcttcgc cacaaacat gcatggccgc cacgtgagct 300
caaacgtccg tttatttcaa agcagtaata atttaaaatt ataaaaatct ttccaccgct 360
gaacgtttag aggggtgaggt tagacagagg acggggagggc tggggacgcc ccagagggga 420
ccatgtggcc cacgccttcc caagccaggg gcccggtggg ccggggcccg gtcctgccct 480
ggaacaggcg ggacctgcag cgctgaccag ccaagcgtgg cgccgcccgg gcacccagtc 540
tgtgggtgcc gtgtggcgct ggctgagggg ggggtgggaaa ggccccgtgc tttcccgacg 600
gccgacgtgg gctcacgagt tgcttgtggc gttctcgttg ctgggcgagc tggaggagga 660
cgatgacgac gaggaggaga agctcacccc agtgaggcca ggggggttcg tggccgtgtt 720
ctgtcccgtg aggtcttttc ggcagacggg gcagctgtcg tgctgctcca gccagggcac 780
gatgcagccg tcgtggaaca ggtggttgca gggcagctgc cgcacacgct caccagcgc 840
gtagtctgcc ttgcacacag ggcactcgag cccggagcct acgtgctcct cagtgcagg 900
gacggtgggg agggcctgga ttttctcttt atctgccggt ggggggcctg tgttttcaa 960
ctgattgagg agctgtgtga tgatggcatc caggccgttg gccccccagg cgtagtccat 1020
agggtttgag tgcaggactc cccaggggcc caggctgggg atggtggcgg gcgtgatgat 1080
gccgttgacg agctgctgga tgatcccttc cagcgtgggg acgccttcgt gccggccggt 1140
ggcccnccgc gtggtgaggg gggcgccggg ctgtcggggc ccgtaccggg gccgggacgg 1200
atggtctctc tcccgcgggc tctcagggtc cctgccgtcg tcagcctgcg cccagggagg 1260
gaacgtgggg atctcgaagc tgtcctcgaa gatgccgaaa gcaaaactgtc cgtagccctg 1320
cggcagcgtg aacagggtgct ggtccatgtg ctccaacggt ggccggctcg aattccaccg 1380
cactggacta 1390

```

```

<210> 8489
<211> 1959
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1926)...(672)
<223> similar to gi4726073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8489
tttttttttt ttgggggtctc agttcactct ttccttgttt attaaatata aacttttcct 60
gcctaattggg ctgaggttca ttttccatt cctcaaggta agggtagact acctaggaac 120
ttattgcatc tttaggccag ctggcttagt gctacccatc tgaacccccca gattactacc 180
caagtcttcc ttttgcccct tcctgcccta acagcaagta ccaggccagt cccttccccca 240
gcaaatgccg ggggcttcat gtgaagagga actggccaca aggctgaggg gaggaggaga 300
aactgtttct gcaggaagga cagcagtgcc tccaggctct tgggcatctt cacatgtttc 360
tagataagga caagctcaac tctggagcct ctggtaggca gaagaaagga ggcagggagt 420
atggcctggg cttcagatac cgctgttctg gatggatcca cagatgacga aggcaagggt 480
cctgggacct ggagtcacac agggccatag ccaagccttt tcactagaag ggcaggcagt 540

```



gcccattcat	cttgtcagag	gcaacctcag	ctgtggaccc	gaatggagtg	agcaaagggg	600
gtccaggcct	ccactctgct	ctagagatgg	cagtgtccag	gctcctgatt	cccaggaagc	660
agggaaagcta	aaggaaacct	ggaaaggcac	tctggagcag	caggatgggc	acaataataa	720
gcccagacaca	cagcaggagc	aggagccaca	caggaacact	ccgccgtgag	ggcaacagat	780
gcagctggca	acgactgtcc	acagccacag	agaacagggc	agtttcatgg	gacccaagga	840
gctctggacc	acgacccttc	tcaggtagaa	aggccacatc	cgtcaccaca	atgccatggg	900
cctccctcac	gtagtagagg	cactggagag	agaaagctat	gtagatggca	acagagccag	960
tgactgtgcc	caggcctagg	aagggtgccg	attcactgac	atcgaggcag	gagacgactt	1020
catggccaca	ggacttggtc	cgaaggggca	agaagttgga	gccatcccag	gctgtgaggt	1080
agcagggagg	gggctggcgc	aggcgcttgt	ggggaatttg	cactgtgaag	agtcgcaggg	1140
cagcaggctg	gtctggaacc	tgcccaaacc	tgcaggcctg	gtagcggtaa	ggtgtgctgg	1200
aaaaggtggg	tccattttct	tgccagtgc	gctgtgtcac	cagctgatcc	ttctgccaca	1260
cagaggcctt	aagggtcccgg	cccacgggta	ccaacttgcc	atcaggccct	aaagccaggt	1320
cttcaatctc	cccttcgtgg	gctttgaact	ccagaacctt	ctccaggctg	ggcaccttcc	1380
agacacggac	gtagccatct	gttcctccag	tggcaagcag	ggtattatcg	tggttgaagc	1440
acacaacttt	ctgcagtggg	tcggagctaa	agtctgtctg	caccgcctgc	aaattctcta	1500
ccctgagttc	tagccccctg	tgctgggttt	ccgctccaca	tttcttctct	gctggggctg	1560
ctcccttct	ttgtcgaggc	ccctgctcct	tggaaaccggc	cttctctgcc	ttgttgccct	1620
gctgttgatg	tgccctggaag	cgcaggagct	gacagtgggc	atcctgccct	gcagcaagga	1680
tgtcaccagc	cagtgcacaag	ttcatggtgg	cccgtgtctc	tgtgtcatgg	gagtgcagca	1740
aggaggcact	caagcgccca	ttaatcagct	ctagctgcag	aaagtgcacg	ccattcttta	1800
tgctgtctt	ggcggcgcct	cctccgcccg	cagcgatgag	cagcccagtg	ctggggctga	1860
cctgaagcgc	gtacaacggg	aacggagcac	ggaacagctc	tggcgcccgg	cgccggccca	1920
tcccgcacgg	cgcgcggtct	cgaattccgc	cgctctctc			1959

<210> 8490

<211> 1145

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (138)...(707)

<223> similar to gi4886908 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8490						60
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agcgtctcgg	ctacaacatg	ttgggcatga	tcaagaactc	gctgttcgga	agcgtagaga	240
cgtggccttg	gcaggtccta	agcaaagggg	acaaggaaga	agttgcctat	gaagaaaggg	300
cctgtgaagg	cggcaaattt	gccacagtag	aagtgcagca	taagcctgtg	gatgaggctc	360
tacgggaagc	aatgcccgaag	gtcgcaaagt	atgcgggggg	caccaatgac	aagggaattg	420
ggatggggat	gacagtcctt	atttcctttg	ctgtgttccc	caatgaagat	ggctctctgc	480
agaagaaatt	aaaagtctgg	ttccggattc	caaaccaatt	tcaaagcgac	ccaccagctc	540
ccagtgcaca	aagcgttaag	attgaggaac	gggaaggcat	cactgtctat	tccatgcagt	600
ttggtgggta	tgccaaggaa	gcagactacg	tagcacaagc	cacccgtctg	cgtgctgccc	660
tgaggggcac	agccacctac	cggggggaca	tctacttctg	cacgggttat	gacctccca	720
tgaagcccta	cggacggcgc	aatgagatct	ggctgttgaa	gacatgagtg	accactgaa	780
ccaagaactt	actggaagtg	tgccctctgtg	tctccttctc	cgggggtaag	gaggggacag	

tgcttcccaa	gttccagctg	caagtccaac	ttaaccaact	ttccttcaaa	gtcagttact	840
gccaatTTTC	tgaaaaaagc	atgttccata	tactaagtct	cttttctcac	ggtaggaaat	900
aatacagcca	agatatgcag	catccttctc	attgatgtag	aaaattctgc	gatagaccag	960
aaaaatcctg	gcagcttttc	tccaggcatc	tgggtcacta	aaaactgatt	ttctaaaatt	1020
attggatttg	tattttgtta	ttaaggggga	aaatgtgatt	tgtgcctgat	ctttcatctg	1080
tgattcttat	aagagctttg	tcttcagaaa	aactaaaaat	aaaaggcatt	gacttaaaaa	1140
aaaaa						1145

<210> 8491  
 <211> 2018  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1200)...(1349)  
 <223> similar to gi4262136 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8491						
gaagctcatg	tatgtttgca	tttcagtgat	tcgggttctg	acctgccgcc	acccatcacg	60
gtcagcgtgg	tgcattctcac	cgaggaggcg	caggcctgga	ttcttttgag	tggtgctact	120
gcctaggaag	taacacgtgg	agaatttcca	tcttgggacc	atgcacacag	tgcttggggg	180
agtagatttt	gccctaatag	cgatgaagaa	ttttatcagt	cagtggagtt	cctttttcag	240
atcagggatg	ggaaagagcc	aaactgggta	cctcccacgt	gtgccccgtg	aacagccctt	300
tgcagctggg	ctgtggggct	tggctgctgc	cctgtcccat	ctggcagtta	acgccttctc	360
cctgctctgc	ccccactcc	ccaaaaccag	ttgcagcctc	aaccacatg	gggatgtaga	420
aagccgtaaa	gtccacgcta	ctgttgaaaa	tgtttacatc	tccgctctca	acctgccttg	480
ggttcgtggt	aaatgggtgt	aaattctgca	aatggagggg	aaaaaatca	aattctaaat	540
ttcaaagtag	aatttaaagc	aaatttgtaa	aaaaattatc	ctaccacccc	ttttgggtcca	600
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gagattgtgc	cactgcactt	cagcctgggc	gacagagtga	ctctgtcaaa	aaggaaaggc	1020
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gatgagtcag	cttggggagc	cacttgacca	gcctgcatgc	ctggatcatca	ggagggttag	1140
aaaagccttg	aaagttgtga	agcactgagc	agatacaagt	gtttgttaat	ttttagataa	1200
ttaactttcc	catctggcct	ttatctccaa	agttggtatt	gttgctccac	gcagactgca	1260
gtccggtttc	ttattgtgac	tttgacaatg	caaagtgcaa	aataggaaga	ggcctcccca	1320
ccccactatc	ccaccctggg	gaccaattca	gtgtaacat	tgcacgtact	cagtcattgg	1380
tgtctttgga	gtgacatctg	cagccagtta	gtgccacctg	agtacagcac	tcgtactttt	1440
acatgatgtg	tgtgtgagta	gctcttctgt	ccaaaccatg	atthgaggtt	caactacctg	1500
tagatcaaag	ctttatttta	gaacgataaa	ctgatttttt	ccaaatgggg	gaaatcttct	1560
ccccatgact	atgttttctt	aactttgcat	tgaatctatt	tactgggtta	cattctatgt	1620
gtagttggct	ttcttcattt	ttttttcttt	taaaaagctc	atgtcttatt	ccaagcacct	1680
tcctccaaag	tccccataaa	gctgcatctc	caacacattg	ttatgcccaa	taaggtttta	1740
tttaacttta	tttaaggatg	attgtgtctt	tgaatgacaa	atgtactgct	gcttcttacc	1800

tgcaagacgc	acaatgtatg	tttcaagggt	gagcaagtgt	tatttcttaa	atttctcaaa	1860
tgccctgtagt	aactattgtt	tctgcctctc	aattgttgcc	agctctttga	agaaggggag	1920
aattgtgtgt	ttttgtgtgg	ggatgtttct	gatatgctgc	tacagttgca	aaacactgga	1980
gctagagaaa	ataaagtact	gatcttcgaa	aaaaaaaa			2018

<210> 8492  
 <211> 1467  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (154)...(1129)  
 <223> similar to gi3878325 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8492						
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tactgctact	gcgggctctg	cgccctccatc	cacctgctca	aacttttgtg	gagcctcggc	180
aaggggccgg	cgcagacctt	ccggcggccc	gcccggggagc	accctcccgc	gtgcctgagc	240
gaccctctct	tgggcaccca	ctgctacgtg	cggatcaagg	attcaggggt	aagatttcac	300
tatgttgctg	ctggagaaaag	aggcaaacca	cttatgctgc	tgcttcatgg	atttccagaa	360
ttctggtatt	cttggcgtta	ccaactgaga	gaatttataa	gtgaatatcg	agttgtagca	420
ctggatttga	gagggttatgg	agaaacagat	gctcccatte	atcgacagaa	ttataaattg	480
gattgtctaa	ttacagatat	aaaggatatt	ttagattctt	tagggtatag	caaagtgtgt	540
cttattggcc	atgactgggg	gggcatgatt	gcttggctaa	ttgccatctg	ttatcctgaa	600
atggtgatga	agcttattgt	tattaacttc	cctcatccaa	atgtatttac	agaatatatt	660
ttacgacacc	ctgctcagct	gttgaaatcc	agttattatt	acttcttcca	aataccatgg	720
ttcccagaat	ttatgttctc	aataaatgat	ttcaagggtt	tgaacatct	gtttaccagt	780
cacagcactg	gcattggaag	aaaaggatgc	caattaacaa	cagaggatct	tgaagcttat	840
atztatgtct	tttctcagcc	tggagcatta	agtggcccaa	ttaaccatta	ccgaaatata	900
ttcagctgcc	tgccctctcaa	acatcacatg	gtgaccactc	caacactact	actgtgggga	960
gagaatgacg	cattcatgga	ggttgagatg	gctgaagtca	caagatttta	tgtaaaaaac	1020
tatttcaggc	taactatttt	gtcagaagcc	agtcattggc	ttcagcaaga	ccaacctgac	1080
atagtgaaca	aattgatatg	gacattttcta	aaagaagaaa	caagaaaaaa	agattgactt	1140
ttctttatct	tctatgaagg	gtctgtaatg	aaatctctaa	ataattttta	aaaattgttc	1200
atcaacttct	ttatgtttta	ttagaaaaaa	aactgtttta	atgtgcttta	tcataaataa	1260
atatactgac	aaatgggtatt	gaaaaaaatc	tgagatcatg	tgaacatata	atacaatggt	1320
gattttcttc	tggtgtattt	tgacacagaca	agcatctgcc	ttaaaaatata	tacacttgta	1380
caaaaaggaa	gtttggagta	agtgcctcca	ttttggtttc	ttgctcctct	ttactctggt	1440
aacatatggt	gccttttaca	aatgtat				1467

<210> 8493  
 <211> 4120  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (252)...(1897)

<223> similar to gi3327192 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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tgagagaccc ggcaatggat cgatcactgc gttccgtgtt cgtggggaac attccatatg 120
aggcaactga ggagcagtta aaggacattt tctcggaggt tggttctgtt gtcagtttcc 180
ggctggtata cgatagagag acgggaaaaa ccaagggcta tggcttctgc gaataccaag 240
accaggagac cgcgcttagt gccatgcgga acctcaatgg gcgggagttc agtgggagag 300
cgcttcgggt ggacaatgct gccagtgaag agaataagga ggagttaaag agccttgggc 360
ctgcagcgcc cattattgac tcacctatg gggatcccat cgatccagaa gatgccctg 420
aatcgattac cagagcagta gccagtctcc ccccgagca gatgtttgag ctgatgaagc 480
agatgaagct ctgtgtccaa aacagccacc aggaagctcg aaacatgtta cttcaaaatc 540
cacaactggc ttatgcactg ttgcaggcac aagtagtgat gagaatcatg gatccagaga 600
ttgctctgaa aattctgcat cggaaagata atgtcacacc actgatccca ggcaaatctc 660
agtctgtgtc tgtctctggc cctggccctg gccctggccc tgggctctgc ccaggaccta 720
atgttctgct gaaccagcag aatcctccag ctccctcagc tcagcatttg gctagaagac 780
ctgtgaagga cattcctcct ctgatgcaga ctccatcca gggtggaatt ccagctccag 840
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agatgtcaga tcctagagct cctatacctc gcggaccgt gactcctggg ggtctgcctc 1020
ctcaggagct gttaggagat gctccaaatg acccacgtgg agggactttg ctttcagtca 1080
ctggagaagt ggagcccaga ggttatctgg gtccaccca tcagggtccc cccatgcata 1140
atgcctctgg tcatgacact cgtggccctt cctcacatga gatgagggga gggccattag 1200
gagatcccag actgctaatt ggagagccca gaggcccat gatagatcaa aggggtctac 1260
ctatggatgg tagaggtggg agagattctc gagcgtgga gactcgtgcc atggaaactg 1320
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ctggtatgca gggtagagcc atacaaggaa caggcatgca gggagcaggc atacaaggag 1620
gagggatgca gggggcaggc atacaaggag tcagtataca aggaggaggt atacaaggag 1680
gaggtataca gggggcaagc aagcaagggt gaagccagcc tagcagtttt agtcttgggc 1740
agagccaggt cactccacag gatcaggaga aggcagcttt gatcatgcag gttcttcaac 1800
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cgctctgatg aaaccagtc tctcaatacc ttctattttc tcaatagtct ttaagcccta 2700
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aaagatctga	gtttcttggg	atctgacgtt	tgtatacaga	tggtgtccat	ttgctcaacc	2880
agacaggagt	taacttgtat	tagaattgtt	ttttctaaag	ttatgttacc	tgagaaatta	2940
aggactgcac	ctggtttaat	gttgcttcac	ttatcccacc	ctacagagac	cagcaagggt	3000
ctgccaggcc	tcgagcatcc	aagcatgatt	ttgctgtgac	aaatctaaaa	tcaaccaggc	3060
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tctttaaacc	ctaaatctga	gtcagtaatt	ctcttacatc	cttcccaaaa	atcagtgtct	3180
agggactagt	tgatctggat	gagttataca	tgatatttga	cttttcataa	gtagtggag	3240
gtttcactaa	gtaaaaactct	cagtttcttg	gtatctgggt	ttcttataca	gatgggtgtc	3300
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attcacagag	ttggctcgat	cattttgaga	ttctagtgtg	tttatctcaa	agctttcact	4020
gaagggtgtg	aactgaaaat	tattaaatgt	tagtcttttag	tcaaattctct	gcattgtttc	4080
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<210> 8494

<211> 1419

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1265)...(473)

<223> similar to gi3878848 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8494

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acttgaagcc	tggggttttg	tgccctcttt	ttgttttggt	ttttttgaga	cagagtcttg	180
ctctgttgcc	taggctggag	tgtagtgggtg	tgatctcggc	tcattgcaac	ctctgcctcc	240
agggttcaag	tgattctcct	gcctcagcct	cccagtagc	tgggattaca	ggtgtgcacc	300
accacgccag	gctaattttt	gtatttttag	tagagacagg	gtttcaccat	gttggccagg	360
ctggctctcca	actcctggcc	tcaagtcata	ctcccgcctt	agcctcccaa	agtgtggaa	420
ttacaggcat	gagccaccac	gcccggccat	cttcttgcca	gcaactctta	gaccaggaag	480
cctcggatgg	cagctatgaa	gtcctgtggg	cggtcagcgt	ggatccagtg	gccagcgttc	540
ggcaccgtct	gcctctgggc	ccgagggaag	agccgcataa	tctcagggtg	gtggctggga	600
tgcacgaact	gggagtttcc	accaaggaga	aagagtgttg	gcccagggtg	ggactcctgc	660
ctctgtggga	aagccaagat	cttgtctagg	tgctgggtca	gggcatccaa	gttcaccctc	720
cacacgaagc	gcccgtctac	ctctaccagg	ttagtgagca	ggtgtctgcc	cacggccatg	780

tcctggatga	cagaactgag	ctgttcatcc	gccagttttc	gggcacggga	gcggggcagc	840
tcatctgcga	tgttgatggc	cctcatggct	gccacgtagg	ttgcaaagtg	ggagacacct	900
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gggctgtggg	ggctgtcacc	gtggttacga	gcatccaccg	tcagcaccct	acggcctgtc	1140
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gcgaagctag	ggcctgtggg	gccgagtcct	tcacgcggga	gcctccaggc	tcgggtccag	1380
cggagcatgc	ttgcaagctg	ttggccggct	cgcattctca			1419

<210> 8495

<211> 2531

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2532)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (104)...(2194)

<223> similar to gi5689776 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8495						
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caacagccgg	ctcaaggcca	agggcgtggg	ccagcacgac	aacgcccaga	actttggtaa	180
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ggatgggatt	tctccaacag	acatctgcca	ggggatcctc	ggggactgct	ggctgctggc	420
tgccatcggc	tcccttacca	cctgccccaa	actgctatac	cgcgtggtgc	ccagaggaca	480
gagcttcaag	aaaaactatg	ctggcatctt	ccattttcag	atttggcagt	ttggacagtg	540
ggtgaacgtg	gtggtagatg	accggctgcc	cacaaagaat	gacaagctgg	tgtttgtgca	600
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caaggagata	ggggtgtatg	agctccagag	gctgctcaac	aggatggcca	tcaaattcaa	1800
aagcttcaag	accaagggtc	ttggcctgga	tgcttgccgc	tgcagatca	acctcatgga	1860
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gaccttctg	c					2531

<210> 8496  
 <211> 2103  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2104)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1541)...(1802)  
 <223> similar to gi248490 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8496						
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ctgtacagtt	acagtaagtt	taatatatat	ataaaaaatt	acagcagaca	aatgcatcta	120
cacaaaatct	accacttcat	tctgattcac	tgtcacctac	acaatctttc	ccaagcctac	180
agccccctgca	ggcagcccta	ggagggggaa	tcattctaaag	ggcacttttg	agagagacag	240
caccgctcat	attccccgcc	acctcctcag	gcttcaggag	gcatcagcta	attccccaaa	300
atgtaaagtt	gcctgtgttt	caggttttca	aaaccaagaa	aacgtgtgtc	tcccaggggc	360
acagataaca	aggtccagca	cgcaagttat	cagctgattc	ttagaaaata	ttcctatcag	420
aggggaaata	tttggtctaac	aggcactctg	gggcagtaag	gctacacaat	agccaccag	480
agtgcagagt	tatctaagag	aaatgtagaa	ggactcccaa	taaaccacct	cagaattgtc	540
actgcctcat	tcaagctgct	ggacaatttt	ggaaagaatc	atttacacca	catcttaagt	600

ttccacaaag	aagaactcaa	actcacattt	taaagtacat	aaaacaaaaa	gttctaggag	660
gccggggggc	aattcccctt	gtgcccctcc	tttgacaaca	gtggacaaac	acccctgaat	720
taataattaa	gacaaaaaa	gaagaaaaaa	aaagtgaagt	aagatattga	aagagagaaa	780
gaaaacatct	ttagaaaaac	acgatcactg	tctctttaa	agaaaaacaa	atcccagttg	840
ggaacagtaa	tgaggaatat	gcaatctaaa	ttgacacctg	gtggggagatt	attattgaat	900
attatgtaca	ctcagaactt	ttttcatttt	cttttttatt	atgaacacct	aggcagtgaa	960
aactgttatg	ttaatacata	catagacaca	cccaaaacat	acaaaaatac	tattatttca	1020
aactactaag	aataggacag	ttcaattatt	ttcatgctat	gactttaaga	gcattacact	1080
gaaacaaaca	agaagttaaa	cgacattttt	tttaatatcc	cagaaatata	ccaaaatata	1140
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ttattaacat	ttggattttg	ctttgggata	gagcttggtg	gaccaagaa	ccaagtaccc	1320
ccctcccca	accaactgag	attaaaaaga	tccatgtaaa	aagttccttc	atttgcaatc	1380
ccccacccc	ccaagttaaa	aagtcacagg	catctaccta	gcacaaaagg	ttgtgaagta	1440
caatgcatag	ttgcacagtg	gtgctgcaaa	aaggaaagaa	aactacaata	aagagaaatg	1500
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tccagtacag	gaaaagaaaa	aaaggctcag	aagggcaccg	tggcgtgcat	tcgccagcc	1620
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tgccctttct	gatccagtca	gagggtcccc	ccgccccacc	ttccctggcc	tcactctttt	1980
aagtgccagg	acaccacaga	ctggactgat	gctgaagact	tcccttttct	taagtttgta	2040
aaaaagttgt	gagtaaaata	caatcattaa	gaaatctttg	gtttcgggta	gntctctcgc	2100
aat						2103

<210> 8497

<211> 2040

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (956)...(1502)

<223> similar to gi4884453 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8497						60
atgtctctca	tccccttggt	tccatgacgg	cacgtgcgtc	cttgacaagg	ctggatctta	120
caagtgtgcc	tgcttggcag	gctatactgg	gcagcgctgt	gaaaatcttc	tggaggctgg	180
gaagtccaag	atcaaggcgt	cagaagattc	attgtctgtc	cttgaagaaa	gaaactgtc	240
agaccctggg	ggcccagtc	atgggtacca	gaaaataaca	gggggccctg	ggcttatcaa	300
cggacgccat	gctaaaattg	gcaccgtggt	gtctttcttt	tgtaacaact	cctatgttct	360
tagtggcaat	gagaaaaaga	cttgccagca	gaatggagag	tggtcagggg	aacagcccat	420
ctgcataaaa	gcctgccgag	aaccaaagat	ttcagacctg	gtgagaagga	gagttcttcc	480
gatgcagggt	cagtcaaggg	agacaccatt	acaccagcta	tactcagcgg	ccttcagcaa	540
gcagaaactg	cagagtggcc	ctaccaagaa	gccagccctt	ccctttggag	atctgccc	600
gggataccaa	catctgcata	cccagctcca	gtatgagtgc	atctcaccct	tctaccgccg	660
cctgggcagc	agcaggagga	catgtctgag	gactgggaag	tggagtgggc	gggcaccatc	



ctgcatccct	atctgcggga	aaattgagaa	catcactgct	ccaaagacc	aagggttgcg	720
ctggccgtgg	caggcagcca	tctacaggag	gaccagcggg	gtgcatgacg	gcagcctaca	780
caagggagcg	tggttcctag	tctgcagcgg	tgccttggtg	aatgagcgca	ctgtggtggt	840
ggctgcccac	tgtgttactg	acctggggaa	ggtcaccatg	atcaagacag	cagacctgaa	900
agttgttttg	gggaaattct	accgggatga	tgaccgggat	gagaagacca	tccagagcct	960
acagatttct	gctatcattc	tgcatcccaa	ctatgacccc	atcctgcttg	atgctgacat	1020
cgccatcctg	aagctcctag	acaaggcccg	tatcagcacc	cgagtccagc	ccatctgcct	1080
cgctgccagt	cgggatctca	gcaacttcctt	ccaggagtcc	cacatcactg	tggctggctg	1140
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ggtcagtgtg	gtggactcgc	tgtgtgtgta	ggagcagcat	gaggaccatg	gcatcccagt	1260
gagtgtcact	gataacatgt	tctgtgccag	ctgggaaccc	actgcccctt	ctgatatctg	1320
cactgcagag	acaggaggca	tgcgggctgt	gtccttcccc	ggacgagcat	ctcctgagcc	1380
acgtggcat	ctgatgggac	tggtcagctg	gagctatgat	aaaacatgca	gccacaggct	1440
ctccactgcc	ttcaccaagg	tgtgcctttt	taaagactgg	attgaaagaa	atatgaaatg	1500
aaccatgtct	atgcactcct	tgagaagtgt	ttctgtatat	cgtctgttac	gtgtgtcatt	1560
gcgtgaagca	gtgtgggcct	gaagtgtgat	ttggcctgtg	aacttggttg	tgccagggct	1620
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tgccgcgtcc	actactagga	cagccaattg	gaagatgcc	gggcttgcaa	gaagtaagtt	1740
tcttcaaaga	agaccatata	caaaacctct	ccactccact	gacctgggtg	tcttcccca	1800
ctttcagtta	tacgaatgcc	atcagcttga	ccagggaaga	tctgggcttc	atgaggcccc	1860
ttttgaggct	ctcaagttct	agagagctgc	ctgtgggaca	gcccagggca	gcagagctgg	1920
gatgtggtgc	atgcctttgt	gtacatggcc	acagtacagt	ctggtccttt	tccttcccca	1980
tctctgttac	acattttaat	aaaataaggg	ttggcttctg	aactacaaaa	aaaaaaaaaa	2040

<210> 8498

<211> 1664

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1386)...(142)

<223> similar to gi5052349 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8498

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agtttttttac	acgagccgcg	gttggccccg	gttgggtggca	cgtggggagc	ggccccgcgg	120
cggcgttctc	gcgggcgggg	tcacagcggc	tccaggtcct	cgtccccgca	tgcgtactcg	180
tacaggtcca	cggcgcccag	cggtgagggc	gcctcgaaga	agggcctctg	ggccagcggg	240
gagcgcagcg	cactcagctt	ctgctccacg	gggctgagct	cggcctcgaa	cccgtcctcc	300
cagggtctct	cgcgggtctc	ctcggccacc	aggatgtcgt	actcctcggc	cgcgtacttc	360
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ttctgtcgt	ggtcgaggta	cttctcgatg	ttgaagaagg	tgtcgaagaa	gacgttgggc	480
agcttgacgc	gcttcaggtc	ctgcagcgtg	atcttccctt	cagtctcggg	cttgaccagg	540
tccagcatct	ggcagaggca	gtcctggaag	ggcagggcct	cgatggccat	gctgtccagc	600
cttcggcact	gctcctcgta	gaagtactcg	agctcgaaca	tggacagggc	gccgtccccg	660
tccaggtcca	tgcagcggaa	ccagtactcg	atgctggctg	gtgttttttt	gtcttctcca	720
gagatcaaaa	accagacaaa	gtcggcatag	ctgatcttcc	cttcttctctg	cactttttctg	780
cctcgtgtga	ctgctcctga	gaagatcctg	tctatcatct	tggtagaaag	ggcgtgggtca	840

ttgtgccg	ccaggtcg	cgcgtcgat	agcaggtcgt	ggtccgtgtc	cagctcccag	900
aacttgcagt	agatgacgta	gaaatgctcg	tacgagaaga	attcggtcag	ctgggtgatg	960
tccgcctcct	cctccagcag	cgccacattc	tgcaggaagg	agctcctccg	cagctcggcg	1020
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ctcatgagca	gatggacgaa	cttggccgcg	tcgtcgtggc	agttctggag	gatttttctc	1260
cacatggcga	cgaacttgtg	gacggacacg	gagcccgtgc	gctccccgcc	ggcgccatag	1320
aagagcggcc	ccttccagta	gagggggcag	ccgcaggcct	tggccaccag	gcccattgtc	1380
tccatggtgg	ccctctcgtg	ggggaaccgg	gcgaaggtgc	tctcgatctt	gctgatgacg	1440
gcatccacgt	tgacggagtc	ctgcgggcgt	cctctagggg	agtagaaggt	cggaatgctt	1500
tggctcgtgg	ccggggggcag	aggtctttct	ttcgtgtctc	gaacctgctg	gaaggccttc	1560
agacgcttct	tgactcgaga	gggcagcacg	aagtcgcagc	cgcgggccag	tgagaccagc	1620
tcctggcgca	ggtcgggggtc	ctggcgcgagc	gagcgctcgc	ggag		1664

<210> 8499

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (864)...(362)

<223> similar to gi4768844 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8499

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aaggcagggc	ccagacccca	cagtgtgggc	ctctggagct	gtgtctttac	tcttgctgcc	180
gatcaatccc	atgctctgaa	atgcgcacac	tctggctcct	tagtagatgc	cataggtggg	240
ctcatgactg	tccctgtacc	ggtccaggta	gcgcaggggc	tgccggtggg	ggaagcgctt	300
ctgcttgggg	tggtaaaggg	gcggccgcac	gaactcaaac	accggctccc	gcatgtccag	360
aagctggtgg	aagatgtagg	tgacggagtc	atcccagcgg	cactggaaga	aggacaagcc	420
ggctggagtc	atggtttctt	ggtgtttctt	gtagaaatca	aaagtgcgga	aggtccgctg	480
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ggcatccagc	gggacactgg	ctgtgcggag	gcgggcagcc	cgctcctctt	ccacattggc	1020
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tggaggcagc	ccaatatcaa	tcttctcttt	gggatctgtc	ttctccccga	aatactctcg	1140
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gaagctccgg	tacttctcca	gccgctccag	gttgctcaag	tcgatgtcac	tgttgggcat	1260
cggccccagc	gggggtgtcc	ggcgggccag	gacggccgag	gtgctgaagc	cccgccatct	1320
ccgacactcg	cacagcgcg	ctcgccacca	gggcgcccgc	atcttccttc	cggcctgcgg	1380

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<210> 8500
<211> 2196
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(435)
<223> similar to gi6006684 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8500
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acgtgggtgga tgagaagatc tccgcaatgg ggaaggccct ggtcgaccag agggagctgt      180
acctgggcct gctctacccc acggaggact acaagggtata cggctacgtc accaactcca      240
aggtgaagtt tgtcatgggtg gtagattcct ccaacacagc ccttcgagac aacgaaattc      300
gcagcatgtt ccggaagcta cacaactcct acacagacgt gatgtgcaac cccttctaca      360
acccggggga ccgcatccag tccagcaggg cctttgataa catggtgacg tcgatgatga      420
tacaggtgtg ctgagtgagc tgtgctgcca gccatcgagc aggagcccgc gcacgactgt      480
ggtggggcgg tcggtctgtt ctggttgccct cttcctgaat gggacgcctg gggctttcag      540
ggcaggcagc tgtgcatgtt ctctcaacta aaggtcttgt gagaggagat ttggcttttt      600
ccttccgtgt cagccaagga tttaattaag aagaattcaa ctaaggactt ttctgggggtg      660
tgggcagagg tttgggatca gatggcgcag gtagcctgtc ctcatgtgtc ccaaagggggc      720
agaggcaggg gtgcctggag ccaagagttc ctgagcctgc aggacctgtg accatgtggg      780
tcaacctactg gctgaacagg tgggctgggtc tggaggggggt ggcctcctga gcccagaacc      840
agcctaggat ctaggggcac aaggggagcc ggcgtggcct cccacagggg agggccctcc      900
tctttctgga cttggcctcc attccttgca tctggctcaa tggctggatt ccgcccggcc      960
ttaaaaggag cccttgatga acctgggaag cctcgtggcc ccgcggcggt ggctcagctg     1020
cagccctggt cctaaacctt ggagcgcaga cttgaggcac cccctcctgc ctggttggtg     1080
tgaggggggtt ggggtgctgtg tcaattgatg acgtggctga ctaccacca gggcagcggc     1140
cgagcccata gtggcgtcag tgccgcgggc gtccttgggg tccagcggtc aaggctcagc     1200
ccgctgaggg gacccccccg gaggttggtt cagcactggg ccaggactgg agagtttctc     1260
aaggaccttg aggaccccag aagcccttgc agcaggaaaag gctgtaaggg ggggtcagcc     1320
tagggcagga cctagggagg ggaactttct tgatacgtat ttgccttttc atcccatcta     1380
gcaagcacag tgttaatttt agaaattata gaagaaaaaa tcagcaagga gtgtgggaaa     1440
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gcacaccagg cagctgatct ggggtgcatgt gggccacaga ccactctcac aaggttaaat     1560
ctttaacaag agcctcatgt ttgttaggag aaggtgggac ccagcccaa gcacttcccc     1620
attgcagcct ggcataaat ctttgccctt tagtggggat cactcctgcc cgagtccctg     1680
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ctgacgcaga acgcgggaag gacgctgggc ctttgctgac gcagaacgcg ggaaggaccc     2100
tgggcctttg ctgacatacc agccccagac tacttaaatt cagctttttt ttaatgtgag     2160

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aaaataaatg caccctctc tggtttaaaa aaaaaa

2196

<210> 8501  
<211> 3039  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (725)...(3005)  
<223> similar to gi604908 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8501  
tttttttttt ttgagacgag gtggaggggc ggggggttctc gctatcttgc tcaagctgat 60  
ctcgaactcc tgggttcgat caatactcag acaatcttgg caggcgcagg aggaccaa 120  
tctagtgaat gagatcgagt ctctcggctc tttcccttcc atgttttctt tttgattggc 180  
cctcgacgat cctcagtgc gcctcccgca ccgcctcacc cgagagtcag ccgcccctgc 240  
ttttccgtgc gcacgcgcag tatcccgatt ggctctgccc tagcggattg acgggcagg 300  
tagccaatgg tctcgtaata taggtggagc gagccctcga ggatgtccac gaccggcct 360  
ctcgctgaat attcatgagg gaggcgggtc gaccccgctg cacagtccgg ccggcgccat 420  
gaagtgaagaa gggggctggg ggtcgcgctc gctagcgggc gcgggggggtc ttgaagatgg 480  
ggtcatcggt gggcgcgctt ggtcccca gggggcgagg ggaggggtgaa ggggtgggac 540  
gggggcagcc gcagggagca gcagtgatag cgaggagaca ctgagggggc ccgagggctc 600  
ctgaggacct gagggttacc gggggcgccg ggcccgctac ccttctctgg gctcgacgac 660  
cgggcactgt ggaggcgga gaggggctga ggggacggga actgaccag cagccctgc 720  
cgccaggctc aacgtggacg ggctcctggt ctacttcccg tacgactaca tctacccga 780  
gcagttctcc tacatgcggg agctcaaacg cacgctggac gccaaagggtc atggagtcc 840  
ggagatgccc tcaggcaccg ggaagacagt atccctgttg gccctgatca tggcatacca 900  
gagagcatat ccgctggagg tgaccaaact catctactgc tcaagaactg tgccagagat 960  
tgagaagggtg attgaagagc ttcgaaagt gctcaacttc tatgagaagc aggagggcga 1020  
gaagctgccc tttctgggac tggctctgag ctcccgcaaa aacttgtgta ttcacctga 1080  
ggtgacaccc ctgcgctttg ggaaggacgt cgatgggaaa tgccacagcc tcacagcctc 1140  
ctatgtgcgg gcgcagtacc agcatgacac cagcctgccc cactgccgat tctatgagga 1200  
atattgatgcc catgggcgtg aggtgcccct ccccgctggc atctacaacc tggatgacct 1260  
gaaggccctg gggcggcgcc agggctgggtg cccatacttc cttgctcgat actcaatcct 1320  
gcatgccaat gtggtggttt atagctacca ctacctctg gacccaaga ttgcagacct 1380  
ggtgtccaag gaactggccc gcaaggccgt cgtggtcttc gacgaggccc acaacattga 1440  
caacgtctgc atcgactcca tgagcgtcaa cctcaccgcg cggacccttg accggtgcca 1500  
gggcaacctg gagaccctgc agaagacggt gctcaggatc aaagagacag acgagcagcg 1560  
cctgcgggac gagtaccggc gtctgggtgga ggggctgcgg gaggccagcg ccgcccggga 1620  
gacggacgcc cacctggcca acccggtgct gcccgcagaa gtgctgcagg aggcagtgcc 1680  
tggctccatc cgcacggccg agcatttcct gggcttctcg aggcggctgc tggagtacgt 1740  
gaagtggcgg ctgcgtgtgc agcatgtggt gcaggagagc ccgcccgcct tctgagcgg 1800  
cctggcccag cgcgtgtgca tccagcgcaa gcccctcaga ttctgtgctg aacgcctccg 1860  
gtccctgctg catactctgg agatcaccga ccttgctgac ttctccccgc tcacctcct 1920  
tgctaacttt gccacccttg tcagcaccta cgccaaaggc ttcaccatca tcatcgagcc 1980  
ctttgacgac agaaccgga ccattgccaa ccccatcctg cacttcagct gcatggacgc 2040  
ctcgctggcc atcaaaccg tatttgagcg tttccagtct gtcacatca catctgggac 2100  
actgtccccg ctggacatct accccaagat cctggacttc caccgcgtca ccatggcaac 2160

cttcaccatg	acgctggcac	gggtctgcct	ctgccctatg	atcatcgcc	gtggcaatga	2220
ccaggtggcc	atcagctcca	aatttgagac	ccgggaggat	attgctgtga	tccggaacta	2280
tgggaacctc	ctgctggaga	tgtccgctgt	ggccctgat	ggcatcgtgg	ccttcttcac	2340
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cctggagaag	taccaggagg	cctgcgagaa	tggccgcggg	gccatcctgc	tgtcagtggc	2520
ccggggcaaa	gtgtccgagg	gaatcgactt	tgtgcaccac	tacgggcggg	ccgtcatcat	2580
gtttggcgtc	ccctacgtct	acacacagag	ccgcattctc	aaggcgcggc	tggaatacct	2640
gcgggaccag	ttccagattc	gtgagaatga	ctttcttacc	ttcgatgcca	tgcgccacgc	2700
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cgacaagcgg	tttgcccgtg	gggacaagcg	ggggaagctg	ccccgctgga	tccaggagca	2820
cctcacagat	gccaacctca	acctgaccgt	ggacgagggt	gtccagggtg	ccaagtactt	2880
cctgcggcag	atggcacagc	ccttccaccg	ggaggatcag	ctgggcctgt	ccctgctcag	2940
cctggagcag	ctagaatcag	aggagacgct	gaagaggata	gagcagattg	ctcagcagct	3000
ctgagtgggg	cgggtggggc	cataaacggt	tcctggtga			3039

<210> 8502  
 <211> 2181  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2092)...(1477)  
 <223> similar to gi5102729 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8502						
cagggccctg	agcgggtgat	ccctgggctg	gacaccaagg	ttgagaagtt	aggccggcag	60
cgtggagggg	ccagcactgt	gggggggtgg	ccggtgtggg	gagggaaacat	gggggttttg	120
gacggtcaca	ccacttcata	tagacaccac	agccaggcac	atctgtcagg	cttagttctc	180
ccatgcgcca	tcctcaagag	gcaccagcac	tttatctgtt	gagcctttat	gtggcaccaa	240
ctgtgtgcac	tattaccggg	ttttacagat	gatggaggcc	cagaagcagg	aggtggctgg	300
tggttaggtca	cacagctagg	aggcagcaga	acggtggggc	gctgcctgtg	ctcttaaccc	360
ccaggccaag	tcaccccatc	aggcagtcag	gagggctggc	ggcagggggg	gatgtgggtg	420
ggaggtagtg	ccttcttggc	attctcaccg	gagcctgggt	gccgggtgcc	actctgacct	480
cagccatggc	agggtcgggg	gatgccgatg	ggcgtgcac	gggctctcag	aggccctca	540
cctatggcca	tggccttgac	tgtggggggc	tctgtccacc	gatgatctcc	cttcaccccc	600
tacaggtggg	gcgggtccagg	gtgggtgggg	cacagtggcc	ccgggcagtg	accacagggg	660
cctgacccgc	ggcccccgca	ggcgggctgc	atgctgttcc	cccacatctc	cccctgtgag	720
gtgcgcgtgc	tcattgctct	gtactcgtcc	aagaagaaga	tcttcatggg	cctcatcccc	780
tacgaccaga	gcggcttcgt	cagtgccatc	cgcagggtca	tcaccacccg	caagcagggtg	840
tgccagccaa	gcacagcccc	tctggggaca	gagggggatt	agacccccact	gccctgggtg	900
ggcagccaga	cttgggtgtg	gcggagtgtg	atgcgatggc	tggagcaagg	agctgcaggg	960
gagcccggag	gatgccgggg	gggttcccac	ccagggtccc	atggaaaagc	ggccactggg	1020
cggctctgca	gggcaggagg	gtgggtcctt	gcgcggcggc	agggaagcca	gcggagcggg	1080
gagctgggca	ggggttggga	ttgtcctgcg	gctggaaggc	cctgcctggt	aacctgtgtg	1140
cctggtcatg	ccttgccagt	tgaggcagac	tctgcaggtc	ctgtgcacca	ggtgagggcc	1200
gggacctgtc	tcaggccact	ggggagccat	ggggggctgt	gagcagatga	ggggcagggc	1260
ctgttcccc	gggactagag	aatggaccca	gctgggggcta	acaggccaag	gctcggaggg	1320

agggatggca	ggccccagga	cagacagaca	ggtttcccag	gagcctgggc	ccctcttccc	1380
accccgttcc	cttccaacag	gcagtgggac	ctggtggtgt	caactcaggc	ccagtccaga	1440
tcgtcaacaa	caagtttctg	gcatggagtg	gtgtcatgga	gtggcaggag	gtgagcactc	1500
ggcagccccc	ggacttggga	ccccagatc	ctcacggact	gtggctggga	ggggacactg	1560
gcattggggg	tctccagccc	tgagggctcc	tctttgcctc	tccccaaaa	gcccaggcct	1620
gagcccaaca	gtcgggtcaa	gaggtggctg	ccatcccacg	tctacgtgaa	ccagggggag	1680
atcctgtgag	tgctgggctg	gggggtggag	gcagcatcca	ggggagctgg	ggcttcctga	1740
ccctcgtccc	tttgtgcccc	acaggaggac	cgagcagtgg	ccaaggaagc	tgtacatgca	1800
gctcatcccc	cagcagctgc	tggtgagggg	ctggggcccg	gtgctggagc	ctgcacgcag	1860
tagctcttcc	agagggcggg	gctgggggca	agagcgctc	cccagggtgg	ctgagctggc	1920
tgtgagggag	cggagctgag	ggtgctgaag	caggtgtggt	gggtagctcc	tcaggcttgg	1980
cttcaagggg	tcccaggcag	ccagctgggt	gctgtgcagg	gactgagcgg	ggcaggggca	2040
gccacgacct	gcacctgggg	ggctgccaag	ggatctgaga	gcggcttcca	cagcactcca	2100
gggttgggct	ggttgagcgg	tggagatgac	gtttcctgag	gtagggagga	cagggggagtc	2160
tcagtttggg	cctgggcccc	g				2181

<210> 8503

<211> 2242

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1544)...(1261)

<223> similar to gi3880445 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8503						
tttttttttt	ttaaaagaaa	aaatttcact	ttaatccagc	ctcaccccca	catgtgtgtt	60
tcacacagac	cttatttttt	aaacagagtt	tattgtattt	aatacattat	aaaatttgaa	120
aaattgtagg	aaagcagcag	acttgaactg	gagcaattct	aacaaggaat	aattctggcc	180
ccttggaaca	actgatcagt	tttaaaacaa	agtaaagttc	acatctgtga	ggtggacaaa	240
aaagtgtgac	ttctgtacaa	actacattta	aaatttcagt	tctaacatct	ttgcaatgtg	300
ctcatgaggg	tttttctgaa	gtcctgcctg	gtccctgcct	aaagaaagac	gtggaacctc	360
catatacaaa	caaacttgat	tcaaggtgtt	ttgtttgttt	tgttttttta	aaaaaaaagg	420
aaaaagaaa	acaaaggaaa	aaagaaatat	ggatggctgt	tgttggcaat	ggaaactgta	480
aggagactgg	tgctctcacc	actcatggct	tgtttatatt	tcagaggcct	cgggaggccc	540
aggacacttc	acggccatca	cagcaccaac	tgcgctgtgc	cccttttttt	tttttctttt	600
ttgcatttcc	taccttttga	catatatata	tatatattata	tattttttac	accttgagga	660
tatcactatt	ccaattgttc	ccatatgaat	acaggtgtgg	tctctattgg	atataaatgt	720
gtcttttatt	cgattttacg	tccaggactt	ggtttgctgt	cccaactgca	cataaatgtc	780
ccttttttgt	ttgagttatt	ggttgtgtgt	gttttccttt	ttgcataaga	aatatgtcca	840
tttagtccag	aggctcttgc	tttatccgga	tgacggaggg	tacacggggc	gtccgcctca	900
gttcccgccg	aaggacgtat	tcgtgaaact	gggacgagtc	tactcctccc	ccacaggagc	960
ccacgatttc	aaatcctctt	tgctgcaacc	tctcgaggac	ctggactgag	ttgaggtgac	1020
agtagccatt	tagtggaaac	ctgatgacgt	gcgtcgagtc	gtgattccag	cctgcattga	1080
cagagttaca	catcacgtcg	ccgatctctg	gaaatacttc	ttctatcaag	gatttgtcac	1140
cgcttagcgt	gatcctttct	ccgaggtctg	gggccacacg	cacgacgagg	cactcacagg	1200
gccttgaaaa	tcgaccagtt	tctctgtcct	gttccatctc	ttccatctcc	aacaacatgg	1260
gctgaagctg	aaaatatatt	gcctcttcat	ataacaaagt	gtagtccttg	aatcatcag	1320

gaatgaggag	tttggatggt	cgtagaaaat	tcaagatata	tctgaacatc	tgtccatctc	1380
tgtcaatgaa	atagtgtgt	ttgagactgt	ccaaaacaat	gggctctgta	ccatcaaaaa	1440
gtcttccgat	tctggattca	gggtatttgg	tgaggggtggc	caggctgctg	gtgtacatgt	1500
ggccgcccac	atcaatgtgg	acaggcgcac	tggattttgt	gagttgtgct	ggagtaggga	1560
tgccttggtt	gttcagtggg	gatgcagggg	atctagtgat	cagaggctctt	gacatatagg	1620
gccgactgtc	ctgggtgggg	gaaacaatag	cagggtgaaac	tattgtggga	gaattggtgc	1680
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tcacgtcggg	cccgcactgg	ctgtctttgg	ggaggatgaa	aatcgcttga	acctgggagg	1920
cgaagtttgc	aatgagccga	gattgcgcca	ctgcactcca	gcctgggcaa	caagagagaa	1980
actccgtctc	aaaaatgaaa	ataaaataaa	taaaaatgaa	acagcctttt	aagaatgcaa	2040
ttattaggca	acgtcttcaa	aagccatgaa	aatgttcata	tgctttgatg	cacaaattgc	2100
ttctagaagt	tcatcttagg	aaatatcctg	ctttacttgt	agtttggtaa	agtttggttt	2160
attgcatcca	ggccacttgg	acaaatgaat	tttgtggtat	atgtcacaaa	ctatgctgta	2220
gaactgcatt	ttatactgtc	tt				2242

<210> 8504

<211> 1034

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (907)...(182)

<223> similar to gi3805976 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8504						
tttttttttt	ttaaatat	taaaattttc	tttatttcag	aactgccttt	atgtacagac	60
atcattttaa	aaatgcacat	acaatggaga	ttttccaagg	aacaggagct	ggaaataaaa	120
tttaaggaca	ttattagaac	tgaattgtc	ccagagaagt	tctgaggatc	aggattcctt	180
aaatgtcctt	gataacctct	tcaagttctt	cctttgtgaa	catgtggaaa	ttctggccag	240
gctgcactgt	ggctagctca	atgtttgttg	cattcagctt	ctcctccatt	acttgtttga	300
ggatgatgag	tgaagacttg	atggcttctt	tcaaagtcac	agacttgtgg	taaacttctt	360
gcaaggagct	ctgggcaccc	tctgaagcag	agccaattgc	tcgagcatca	cactgtacaa	420
aggtcccaga	tgggtccata	tgaacagct	gggttccttt	ctcatcaact	cctccaaata	480
ataatgctac	tccaaaggga	cgagacatgg	cacctggatc	tgcattctct	tctccaaact	540
gcaaagccag	attggacaca	gcttgggtca	cactctccac	tgctattgtc	tcattgtagg	600
tgaaccagtg	gttctgtgtc	tccactctgg	ctttatcaat	taaagtctta	gcatacagaa	660
ttagcccaact	catggcacia	cctatgtgag	catcaatctc	tacaattttc	tcaatgctgc	720
tgggtcccat	cagtggggaa	gtaattctct	tctccacagc	taggcacaca	ccctctgatg	780
tctggatccc	aatggctgta	gaaccaagct	tgatagcctc	aatggcatat	tccacttgaa	840
ataatcttcc	ttcgggagaa	aaagtattca	cgcccctgtc	gtactcagac	cgggtaagaa	900
acatggcgag	ggtaggagga	ggcagcggct	acgcggggat	tctgaggacc	aacacgactc	960
caccggcacc	caactcaccg	gcagccaact	caccacacag	gccgcgaatt	ccaccacgct	1020
ggactagagg	tcgt					1034

<210> 8505  
 <211> 1458  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (104)...(1325)  
 <223> similar to gi4803735 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8505
cggccctccc atgtgcagcc cggccagccg ggctctcctc ctgcgcgcgg atgggtgacc      60
ttttcctggc acgggcaggc tgtgggaggg agcggagcag gcgatgaaga agaagcagca      120
gcatcccggc ggcggcgcgcg atccctggcc ccatggggcc cctatggggg gcgcccctcc      180
gggcctgggc agctggaagc gtcgggtgcc cctgctgcct ttctgcgct tctccctccg      240
ggactacggc ttctgcatgg ccaccctgct ggtcttctgc ctgggctccc tcctctatca      300
gctcagcggg ggaccccctc gcttcctgct cgacctgcgg cagtacttgg gaaattccac      360
ttacttggat gaccatggac cacctcctag taaggctact cctttcccaa gccagggtgt      420
gtacaacagg gtaggcaagt gtgggagccg tactgtggtc ttgcttctga gaatcttgct      480
ggagaagcac ggatttaatt tggtcacatc agacattcac aacaaaacca ggcttactaa      540
aaatgaacaa atggaactga ttaaaaatat aagtactgcc gaacaaccct atttattcac      600
tcgacatgtt catttcctca acttctcaag gtttggagga gaccagcctg tctacatcaa      660
catcattaga gaccccgta accggttctt atccaactat tttttccgta gctttggaga      720
ctggagaggg gaacaaaatc acatgatccg cacccccagc atgaggcagg aggagcgcta      780
cctggataatc aatgagtgtg ttcttgaaaa ctatcccgag tgctccaacc ccagggttatt      840
ttacatcatt ccgtactttt gtggacagca tcccagatgc agggagcctg gtgaatgggc      900
ccttgagaga gcaaagctga acgtgaatga aaacttcctg ctctggggga ttcttgaaga      960
gttggaagat gtgctgctgt tactggaaag atttttacct cattacttca agggcggtgt      1020
cagtatctac aaagaccagc agcacaggaa gcttggaaac atgactgtga cgggtgaagaa      1080
gactgtcccc tctcctgagg ctgtgcagat cctctaccag cggatgagat acgagtacga      1140
gttttaccac tacgtcaaag agcagttcca cctgctgaag cgcaagtttg gacttaagtc      1200
tcacgtcagc aagccccccc tgaggccaca cttctttatc ccaactccac tggaaaccga      1260
ggagccaatc gacgatgaag aacaggatga tgaaaagtgg ctggaagata tttataagag      1320
gtgatgtgac tgtgttgctt ctatggcttt atctcccttt tccagaaagt tctttgtttg      1380
gggaagtaaa atccttaagg gactaaatta atgcttgggt gcattaaaaa gaacaaaaca      1440
tccccacatg ttggggtc

```

<210> 8506  
 <211> 795  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (94)...(373)  
 <223> similar to gi2296344 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 8506
agcccagcgt ggtggaattc gcagcaaaga gtagtcagtc ccttcttggc tctgctgaca      60
ctcgagccca cattccatca cctgctccca atcatgcagg tctccactgc tgcccttgcc      120
gtcctcctct gcaccatggc tctctgcaac caggtcctct ctgcaccact tgctgctgac      180
acgccgaccg cctgctgctt cagctacacc tcccgcagaga ttccacagaa tttcatagct      240
gactactttg agacgagcag ccagtgtccc aagcccagtg tcatcttcct aaccaagaga      300
ggccggcagg tctgtgctga ccccagtgag gagtgggtcc agaaatacgt cagtgacctg      360
gagctgagtg cctgaggggt ccagaagctt cgaggccag cgacctcagt gggcccagtg      420
gggaggagca ggagcctgag ccttgggaaac atgctgtgta cctctacagc tacctcttct      480
atggactggg tattgccaac caggccacac tgtgggactc ttcttaactt aaattttaat      540
ttatttatac agttccccct gtccccctcc ccttccctca cagtgtgtct ggtgacaacc      600
ttgctctgag agttccccct gtccccctcc ccttccctca cagtgtgtct ggtgacaacc      660
gagtggctgt catcggcctg tgtaggcagt catggcacca aagccaccag actgacaaat      720
gtgtatcgga tgcttttggt cagggtgtgt atcggcctgg ggaaataata aagatgctct      780
tttaaaaggt aaacc                                     795

```

```

<210> 8507
<211> 1363
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (363)...(820)
<223> similar to gi5924003 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8507
gcgtgggtgga attcgtggag tatacagcta ctgatgcaaa tgtgaagaat gaaagtcttt      60
catctgtgca gcagcttggc attaaaatga ctgtcaggta tggcaaattc ctcagtctct      120
taaaagatgg tgcaaaaaat gatcttacct ggggttttaa gcattgtgag agattcctga      180
aacagcagca aacttccata aaatcttctc ttctctgcct gcaagggaat tatgctggcc      240
atgactgggt tgtatcttct ctgttcatga taatgttggg agacaaagaa aaaacattcc      300
aatttcttca tcaattctcc aggcttctga cttctgcttt tctttgggtg ccaaggctac      360
atatttctag ttaccttctc aatgacactg tagaatctgg catccatcca gtatattttt      420
gcagcaccca ttatattgaa atgctactga aggctgagtt gcctcttggt ttttcagctt      480
ttcacatgtc tgggtttgca ccatcacaga tttgctgca atggataacc cagtgttttt      540
ggaattactt agattggata gaaatctgcc attatattgc tacttgtgtt ttccttgggt      600
ctgattatca agtgtatata tgtatagctg tattcaaaca tttacagcaa gacattctac      660
agcacactca gactcaagat ctgcaagttt tcctaaaaga agaagcactg catgggtttc      720
gagtgagtgga ttattttgaa tacatggaaa ttttggaaac aaactaccga acagtgtctg      780
tgagagacat gcggaacatt agactgcaga gcacatagat catgagacac acgggttttaa      840
tttaggtttt atttattttt aaacacagca ggggggcttg atgtttttct gtgtctgtaa      900
caacattttac tttgtgaata tacatattgt aaatactgag aagtataacg atatatttaa      960
gtaggtatga gctcaatttg tgaattcatt tttgtaaatt tgttgttttg taaggttatt      1020
atagaatcag atctagctta ctttttagttc ttattcatgt ttaagagtta gtccctggcca      1080

```

```

ggcgcggtgg ctcatgcctg taatcccagc actttgggag tctgaggtgg gcggtacacg 1140
aggtcaagag atcgagacca tcctggccaa aatggtgaaa cctcgtctct gctaacaata 1200
ctgaaattag ctgggtgcag tgatgcgcct gtatgccctg ctacttggga ggctgaggca 1260
ggagaatcgc ttgaaccctg gaggcggagg ttgcagttag ccaagattgt gccactgtac 1320
tccaggctgg gccacagagt gagactctgt ctcaaaaaaa aaa 1363

```

```

<210> 8508
<211> 1449
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1450)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1060)...(817)
<223> similar to gi3191963 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8508
ttttgcgggt gtgagcctgc agtgtgtgct tggcagtttg gtttattggt agtgtcgtct 60
cagcagcgtg ccacatggcc accatctgct ggctgcctgc tgccctccca attgtccttg 120
gccctctccc tgcccaggga gcctgcaggg accctcgggt ccaggctcgg ctgctgagcc 180
agcttgggtg tgaagcctgg gctggcagct gaatgatgga gagagggtca agaaggtgag 240
agacccccac catggagacc cagcagagcc ttctcaaatg ctgataagcc aaatgtcaca 300
aggtgacaag tccaaggagt gagaccaggg ccatgagtgc agcacaccct gctcttccag 360
agatgccaca aagccccttc agggagagag gggcccagga gggcagaatg cctgagaagg 420
tcgctgagcc aggcagaggt gagcacaggg cggggccggg cgtgctcttt ctccatgggc 480
gggtggagga aagacagtcc ggggtggtctg ctgaggaagc actgcctggg gctgggccac 540
tctgcccgtc ctctcctggga ggaaacatgg gcagaggggc ccatggtggg aggggagaga 600
gtctctggct gcagttgtcc caccactcag agaaaagaag tggctgaagc tggctcctgac 660
tagtgggagg cctgggagca gacacggtgg catttccatg gaaacacagg tgtgcaggcc 720
gtgtggagct ggggatgtag gagtggccag tgcccgggtg ccacgggggt cgagcgggga 780
cccgccatct ggggaggcaa accacagagc tgctcacagg gcgaagagg catcctctga 840
ccgctctggc ttcttccggc cagaagggtt tgaggctggg gcaggagcct ccatgggggg 900
cgaggggagg tcgggaacca ttccagcagc tttggctctt tcttcaagga atttatcaaa 960
ctcttcactt gtgacaccct cctccagatc atcacccttc aggtcgggtc tgagccacac 1020
ctcaatgtcg tccatgacag atggctgcgc aacggggatc attccttggg ttataagcca 1080
gctgtctatg ggctccaggt cagactcccc acctctacct ctcttctggg ccgaggacag 1140
aaaagtctca gaaaagaaag tcacagcaag acccatgaga aagaagtcaa tagcacatat 1200
tgtggaaaca gaaaagtcac tcttcagacg tgatcctttg ccacgtaagg aaatgtgatg 1260
ccctgctccc aacctccacc ccagcacgtc ccccttacct gcctggaaaa aagaagaaaa 1320
gtttagtaac caagaatccc aacaggataa cacatactca tgccaaccac taccgtgccc 1380
tggaatctc caggagatca cagaagggtg accagacgaa atcgtcgncc cggaattcgt 1440
ggccagtca 1449

```

<210> 8509  
 <211> 1120  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1072)...(456)  
 <223> similar to gi5102832 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8509

tttttttttt	ttgtagagat	ggggctttgt	catgtgaccc	agcctgggtct	ggaactcctg	60
ggctcacgcg	attctcccac	ctttgcctcc	caaattgctg	ggggattaca	ggcgtgagtc	120
accatgcccc	gcctaggatg	agtttagtaa	gatttggtta	tgctggggag	atgggaaaag	180
ccagggttag	gggcacgcag	gctggaagga	aacggggtct	gtgggggtgg	atggaataac	240
ccatggaggc	aagaaaggag	cctctgcagg	aacaagtctg	gaagagcgag	gaggaagcgg	300
tgaggcaggg	gagcactgtg	tgaactgccc	tgaggccagg	caggggctca	ggatgaccag	360
gcagaaacag	agcgggtcca	gggtggaggg	gaggcccgtg	cagcatgagc	aggaggctag	420
aggagacaga	ccatgaggcc	caggagagacc	cctcactgga	gactctcccg	tagccttctt	480
ttcagaagtc	gaaagttggt	ttttaatccc	ttccaaggct	tgaatggctc	attatcattg	540
tacacaaagt	tttcccaaca	atatttaaaa	tcttcatagt	ccatgatctc	cacagcgacc	600
ccttcctgac	tcaggctgcg	gagcccctcc	tggtaacatg	gatactggaa	gtagtagagg	660
cgggcggtga	agatggtgag	attcacgttg	ctgtgcctgg	ccaggaactc	ggccacctcc	720
cctgcacagt	ctgggcaagg	gctccaagat	gtgtaccagg	tgacctggta	ctttgtgtta	780
ggagacagta	tgctgctgca	gaaccaagag	aggaagcacc	tttctgcatg	acaatgggtc	840
tcagaatcca	cctggtttcg	gaagacgccc	gtcttccagg	agacaactga	gcggcgcttt	900
ataccttcca	cgggtgaagca	cagccaagtt	tcgttccgat	cgttggtctc	ccatagggtt	960
ttaaattgga	agtagaatgt	gcctgggatac	attgccttca	tcgggtttct	gatctgtgga	1020
ttcatgttca	gcctcttaga	tatgcttgtc	cctgtcccac	tcttttctga	agcgctgtgg	1080
cttctcttcc	tgcttacagc	gtccttggtc	gacgcggccg			1120

<210> 8510  
 <211> 888  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (115)...(670)  
 <223> similar to gi4836700 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8510

gtttgtgctg	gaattcgcga	cccttgttca	acgccgttgg	cgaagccagc	tgctggaggt	60
gccgagaatc	tgagtttcgg	taagcagcca	ggctctggaaa	ctaataat	aaaaatgact	120
acaccaaaca	agacacctcc	tggtgctgac	cccaagcagt	tggaaaggac	tggaacagta	180
cgggaaattg	ggtcacaagc	tgtttggtca	ctctcatctt	gcaaaccagg	atttggagtg	240
gatcagttac	gagatgacaa	tctagaaact	tattggcaat	cagatggttc	ccagcctcat	300
ttagtgaaca	tccaattcag	aagaaaaaca	acagtgaaga	cattatgtat	ttatgcagac	360
tacaaatctg	atgaaagcta	tactccaagc	aagatctcag	tcagagtagg	aaataat	420
cacaaccttc	aagaaattcg	gcaacttgag	ttggtggaac	caagtggctg	gattcatggt	480
cccttaactg	acaatcataa	gaagccaact	cgtacattca	tgatacagat	tgctgttcta	540
gccaatcacc	agaatggaag	agacacccat	atgagacaaa	ttaaaatata	cacaccagta	600
gaagagagct	ccattggtaa	atttcctaga	tgtacaacta	tagatttcac	gatgtatcgt	660
tcaataaggt	gactttaaaa	tgagacgaaa	atcattaaac	gtatctttgt	tttatcctgt	720
atttaaataa	tatatcatgt	acctttattg	aacaaggcat	ccgttatatc	taattttgta	780
tatgtttaaa	aatat	tgtaactttg	acaaataaat	ttgggggtcat	attatcttta	840
ttttctttaa	catgtaataa	agctcacata	ttttacatta	ccaaaaaa		888

<210> 8511  
 <211> 2091  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2092)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (108)...(1107)  
 <223> similar to gi296186 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8511						60
aggcgccccg	ccgcccgcg	tgattctcgc	ctcgccgcag	cccagccctg	cgcgccttgc	120
ccggcgcccc	ccgcccggcc	gctccggggc	cctggccccg	cggagcgatg	ctgctgctgg	180
ctgcccgcctt	cctcgtggcc	ttcgtgctgc	tgctgtacat	gggtgtctcc	ctcatcagcc	240
ccaagcccct	cgccttgcgc	ggggcgcatg	tggtgggttac	aggaggttcc	agtggcatcg	300
ggaagtgcac	tgctatcgag	tgctataaac	aaggagcttt	tataactctg	ggtgcacgaa	360
atgaggataa	gctgctgcag	gcaaagaaa	aaattgaaat	gcactctatt	aatgacaaac	420
aggtgggtgct	ttgcatatca	gttgatgtat	ctcaagacta	taaccaagta	gagaatgtca	480
taaaacaagc	acaggagaaa	ctgggtccag	tgacatgct	ggtaaattgt	gcaggaatgg	540
cagtgtcagg	aaaatttgaa	gatcttgaag	ttagtacctt	tgaaaggtta	atgagcatca	600
attacctggg	cagcgtgtac	cccagccggg	ccgtgatcac	caccatgaag	gagcgccggg	660
tgggcaggat	cgtgtttgtg	tcctcccagg	caggacagtt	gggattattc	ggtttcacag	720
cctactctgc	atccaagttt	gccataagg	gattggcaga	agctttgcag	atggagggtga	780
agccatataa	tgtctacatc	acagttgctt	acccaccaga	cacagacaca	cctggccttg	840
ccgaagaaaa	cagaacaaag	cctttggaga	ctcgacttat	ttcagagacc	acatctgtgt	900
gcaaaccaga	acaggtggcc	aaacaaattg	ttaaagatgc	catacaagga	aatttcaaca	960
gttcccttgg	ctcagatggg	tacatgctct	cggccctgac	ctgtgggatg	gctccagtaa	1020
cttctattac	tgagggggctc	cagcaggtgg	tcaccatggg	ccttttccgc	actattgctt	

tgttttacct	tggaagtttt	gacagcatag	ttcgtcgtcg	catgatgcag	agagaaaaat	1080
ctgaaaatgc	agacaaaact	gcctaattctt	cttaccctt	ggaagaagac	tgtttccaaa	1140
taatttgaac	agcttgctgc	taaatgggac	ccaatttttg	gcctatagac	acttatgtat	1200
tgttttcgaa	tacgtcagat	tgaccagtg	ctcttcagga	atgtggctgc	aagcaagggg	1260
ctagaagttc	acctcctgac	agtattatta	atactatgca	aatatggaat	aggagaccat	1320
ttgattttct	aggctttgtg	gtagagaggt	gaaggatga	gaattaatag	cgtgtgaaca	1380
aagtaaagaa	caggattcca	gaatgatcat	taaatttggt	tctattttatt	cttttttgcc	1440
cccctagaga	ttaagtccag	aaatgtactt	tctggcacat	aaagaaatct	tgaggacttt	1500
gtttaaacct	tccataaaaa	aacaattttc	ggtttctcgg	gttctctctc	tctctctctc	1560
tctctctctg	tctctctgtc	tctctggctc	tctgtctctc	tctctctctc	tctctctctc	1620
tctttctttc	tttgtgtatt	atattcaaga	agagttggac	ccattgccag	tgagtctgaa	1680
tgtcactgac	agccctgtgt	tgtgctcaag	actcactctg	ccgctgggtg	gaaactcatg	1740
gcttctctct	ctctttgatc	ccataaagct	acgaggggga	cgggagaggg	gcagtgaat	1800
gggaaataaa	gaggatattt	tcccngtagg	gaaaaggcaa	tgctttcctt	gtctttacac	1860
tcaaatgctt	aggggaacgt	tttcattttc	tcattctatg	ggggaaaggc	agcctcctta	1920
aatgttttcc	tgaagagcgg	gtaaaatcta	gaagcttaag	aatttacagt	tccttcaata	1980
accatgatga	cctgaagttc	acctatccca	tttttagcatc	tacttgtttt	ttcccatctc	2040
ttcctttcca	attttgactt	atactgctgt	aatatttttg	taaaaaaaaa	a	2091

<210> 8512

<211> 1077

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (43)...(793)

<223> similar to gi2842402 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8512

gcttggtggc	gggcactcgc	gcagaggccg	gcccgcagag	ccatgggtgc	tgaggagcgac	60
gcggggcg	ccctgggggt	cctcagcgtg	gtctgcctgc	tgactgctt	tggtttcatc	120
agctgtttt	cccaacaaat	atatggtgtt	gtgtatggga	atgtaacttt	ccatgtacca	180
agcaatgtgc	ctttaaaaga	ggtcctatgg	aaaaaacaaa	aggataaagt	tgagaactg	240
gaaaattctg	aattcagagc	tttctcatct	tttaaaaata	gggtttattt	agacactgtg	300
tcaggtagcc	tcaactatcta	caacttaaca	tcacagatg	aagatgagta	tgaaatggaa	360
tcgccaaata	ttactgatac	catgaagttc	tttctttatg	tgcttgagtc	tcttccatct	420
cccacactaa	cttgtgcatt	gactaatgga	agcattgaag	tccaatgcac	gataccagag	480
cattacaaca	gccatcgagg	acttataatg	tactcatggg	attgtcctat	ggagcaatgt	540
aaacgtaact	caaccagtat	atatttttaag	atggaaaatg	atcttcacac	aaaaatacag	600
tgtactctta	gcaatccatt	atttaataca	acatcatcaa	tcattttgac	aacctgtatc	660
ccaagcagcg	gtcattcaag	acacagatat	gcacttatac	ccataccatt	agcagtaatt	720
acaacatgta	ttgtgctgta	tatgaatggg	attctgaaat	gtgacagaaa	accagacaga	780
accaactcca	attgattggg	aacagaagat	gaagacaaca	gcataactaa	attattttta	840
aaactaaaaa	gccatctgat	ttctcatttg	agtattacaa	tttttgaaca	actgttgga	900
atgtaacttg	aagcagctgc	tttaagaaga	aatacccact	aacaaagaac	aagcattagt	960
tttggtgtgc	atcaacttat	tatatgacta	gggtgcttgc	ttttttgtca	gtaaattggt	1020
tttactgatg	atgtagatac	ttttgtaaat	aaatgtaaat	atgtacacaa	gtgaaaa	1077

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<210> 8513
<211> 2303
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1990)...(1337)
<223> similar to gi3874437 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8513
aaaaacaatt gatgtaggaa taaggggaat ggataaagaa tgggtacatgc ttatttctaaa      60
gcaggagagc ctacagattg ttgtcaaagc tcatgtctat ctctgtcctc gaggcctcca      120
caccatctcc ctctccctcc tccagaatcc aagggatgag cccgtttccc tttatgagac      180
gaggtggagc agtacctcta gtttttggct gctcatggcc tcagagttgc tgtttggaaa      240
ggaaaaagag cagcagaggc agcaaagaaa agtactaggg cagcaccttt aggttagaaa      300
tagattccac agttaaaagc acaagtataa tatgcattaa acagagaagg gcctcaatag      360
aatggtcaca atatgcaagt gtgtcccact catttacaat attaggattc caggagctgc      420
cagaaataag tcatctcatt aacataccta cctgcagttc tgatgtctgg ctattagtaa      480
acaaggccta cgtttgtttc tctaaaattt agaatcttaa actaaatcct ttatttcaaa      540
aacaacata aaataatttc ccaggcagag aaaaggtttg agatggaagc gttcttgtaa      600
gcagtcctct cctgcataaa tgggggttga gagagaggag agagggaatg gccaaaggta      660
tggaagcctt tcacaatgca tgccgagtgt gaagtgcacac cccagcaga tggggtttat      720
catctttact tagtcacaca acatcaagga ctgggttagtt ccagggaagg gctccatttc      780
attacctggg tcagttctct tccccgcac gctccacaat gcagtagaac caaacaacac      840
atcatttac aatagaatgt ttaaataaca cctgtccaat aactgccctt acttctttgt      900
gctgtcggga aaagaaaaaa cagaaagcaa taaaacccaa accctttggc aagccagccg      960
gtgcctattc tcctggggca tttttagtgg aacttcggct gggccttgcc ctccctccaa      1020
tatcagttag gaaagtggca gcgggacagg tttgggtcatc tgcagtggag tagaaagagg      1080
aaccaaacac gattcggggc acagggtggat tctggcacat ttttagattg gattggttaa      1140
aaatgtcatg ttgtacacag gatgcaggca aaggagtttt tttttgaggg acataatgcc      1200
tataggcagc atgaacggtc cgatctaccc ttggggagga gctccctgtg tagggacgga      1260
gaaactaggg ggcctcgagg aagggtgttg ttcggaagat ggaggagaca atctttccgg      1320
tggcattgat ggtgccttcg ctgtctgagc tggactcgga gtcgctgctc ccagagtagg      1380
caccagggcc tgggaggatg ccgatacata ctgcagcaga ggggcagtgg atggaggggc      1440
cactcaggga ggtgtttccg agagacttgc aggatgaggg ctcttgattc ttgtcatctg      1500
gctcagggtc cggtttcagt cttttcacac tgttgccact ctctgagctc ttatgcttca      1560
cagctcctgc caacagcttc gcctgggaga acttgttctt ggtttctata ggcttcacag      1620
tcagtttctt ttccacttcc ttcttgttct cttgagaaat tccaaccttc ttgaggttat      1680
ttctgtattc cttcagttct ttcagttctt cttctcttcg ttgcttttct attagttcct      1740
gctgtcgaga aacctcatca aggaagttag tctcatcttc atctaagcct cttaccatgt      1800
ttttgaattt gaactgttcc tegtactcct gctgcttctt gtcttctgtt tctgtagcc      1860
tttcatatag agatcgaggg tcataaacct cctctggaca ttcttctgga tcttcagggt      1920
ttcgaacttt ctccattct tcttgcttcc ttttgcgccg ttcacttagt tctgcctcag      1980
acacaaacct ctttttgata ataaggttac catcatcccc tccatccata atgaaacaac      2040
caatctagca gaaaattggg gaaaccccat taaacgcccg gcagtgttgg gcccgcctga      2100
aagggtcctc gccgcgacct agatgtcttc ccgcgggcac cctcagctcc cctcaggctg      2160
ggcccgcaag cccaggtctt cggctactcc ggacaaggag cgggtgcgcg cactgagaac      2220
aggcctggcc ctaaccctaa cagcagccgc agctcatcta ttccgtaagg aagctggaac      2280

```

ccaggtgtcg ccgccagacc aaa

<210> 8514  
 <211> 1530  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (327)...(1200)  
 <223> similar to gi3387971 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8514						60
gcggccgcga	agcgactccg	agcgtccctc	tgagccttgc	tcattctctgc	cccgcgcctc	120
ccgggctccg	gtccgcgcgg	cggggtccct	gctcctgcgc	cccgggcgcg	cttcccggac	180
accccggtcc	ccgcagccag	gacaaagcca	tgaagccagc	gctgctggaa	gtgatgagga	240
tgaacagaat	ctgccggatg	gtgctggcca	cttgcttggg	atcctttatc	ctggatcatc	300
tctattttcca	aagtattgtt	caccagtc	tgccgaggaa	tccctttggg	gtggacatct	360
gctgccggaa	gggggtcccga	agccccctgc	aggaactcta	caacccaatc	cagctggagc	420
tctcaaacac	tgctgtcctg	caccagatgc	ggcgggacca	ggtgacagac	acgtgccgag	480
ccaacagcgc	cacaagccgt	aagcggaggg	tgctgacccc	caacgacctg	aagcacttgg	540
tggtggatga	ggaccacgag	ctcatctact	gctacgtgcc	caaggtggcc	tgcaccaact	600
ggaagcggct	catgatggtc	ctgaccgggc	gggggaagta	cagcgacccc	atggagatcc	660
cggccaaacga	ggcacacgtc	tccgccaacc	tgaagaccct	gaaccagtac	agcatcccag	720
aaatcaacca	ccgcttgaaa	agctacatga	agttcctgtt	tgtccgggag	cccttcgaga	780
ggctagtgtc	cgcctaccgc	aacaagttca	cccagaagta	caacatctcc	ttccacaagc	840
ggtacggcac	caagatcatc	aaacgccagc	ggaagaacgc	caccagggag	gccctgcgca	900
aaggggacga	tgtcaaattc	gaggagtgtg	tggcctatct	catcgaccca	cacacccagc	960
gggaggagcc	tttcaacgaa	cactggcaaa	ccgtctactc	actctgccat	ccctgccaca	1020
tccactatga	cctcgtgggc	aagtacgaga	cactggaaga	ggattcta	tacgtcctgc	1080
agctggcagg	agtgggcagc	tacctgaagt	tccccacct	tgcaaagtct	acgagaacta	1140
ctgatgaaat	gaccacagaa	ttcttccaga	acatcagctc	agagcaccaa	acgcagctgt	1200
acgaagtcta	caaactcgat	tttttaatgt	tcaattactc	agtgccaaag	tacctgaaat	1260
tggaataaaag	gggggtgggga	gagggagaga	atcatgcttt	ttaatttaag	atttttat	1320
gtcaaaaagaa	ttatatggat	attgggttat	tttgtaaatt	aatatttctt	tggggatgat	1380
gctgcgagca	gcatagttag	aattatttaa	aatccttcgt	aggggaaggac	agctgtcttt	1440
gcaggggaaa	taggatgggt	cgtccttgtc	tgtagaagtg	aatactgcaa	cactgtctca	1500
aaggtttctt	gtgttctggg	gaattccatg	aattgtgcat	tccataaatt	ctaattaata	1530
ttatttatag	ttatttataa	aaaaaaaaaa				

<210> 8515  
 <211> 2815  
 <212> DNA  
 <213> Homo sapiens





<210> 8516  
 <211> 977  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (155)...(517)  
 <223> similar to gi455109 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8516
ttttcttgag ttacctcccg cagccgcagc cgccgtgctc agcgcgagcc ccggagccct 60
tgagcgcgag gcgcggagcc cccggagccc ccaaaccgca gacacatccc cgcgccccag 120
agccccggcc tgcgcgcccc gccgggcccc cgcgatgccc tcagaccggc ctttcaagca 180
gcggcggagc ttgcgcgacc gctgtaagga ggtacagcag atccgcgacc agcaccaccag 240
caaaatcccg gtgatcatcg agcgctacaa gggtgagaag cagctgcccc tcctggacaa 300
gaccaagtgt ttggtcccg accatgtcaa catgagcgag ttggtcaaga tcatccggcg 360
ccgcctgcag ctgaacccca cgcaggcctt cttcctgctg gtgaaccagc acagcatggt 420
gagtgtgtcc acgcccacg cggacatcta cgagcaggag aaagacgagg acggcttcct 480
ctatatggtc tacgcctccc aggaaacctt cggttctga gccagcagta ggggggctcg 540
gcctgggagt cggggggccc cggtcaggcc ctgcccagag agctcctggt tcctgaactg 600
agctgcctct accgtggtgg gctgggcagg catgtgcccc cctagtcaga gggcaccaac 660
ccacctactc tgcccctggg tggatcctgg gccggtcgtg ttagggttgt ccctctgggt 720
gctggctggt gggatggggg aggggtggga gcagctcccc tcacccaccc gaggctctgc 840
atcttttttt taggccccct cctgtctgcc catctgcccc actggcccc ggctccccgc ccctcggtct 900
ccaccgcctg gacctgcccc cccctgaaag actggcccc ggctccccgc ccctcggtct 960
ccacgtggtg tatggatctg tggtcattgt ccctctgcag aataaagatt gctcaggcct 977
gcctggcaaa aaaaaaa

```

<210> 8517  
 <211> 2231  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (172)...(2094)  
 <223> similar to gi28583 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8517

gccccccaat	tccccgtgtcg	acgatctctgt	cgatcgcggc	ctgaggctgc	tccccggacaa	60
gggcaacgag	cgtttcgttt	ggacttctcg	acttgagtgc	ccgcctcctt	cgccgccgcc	120
tctgcagtcc	tcagcgcagt	ctttccacag	gagccagcat	acttcctgaa	catggagagt	180
gttggttcgcc	gctgcccatt	cttatcccg	gtcccccagg	cctttctgca	gaaagcaggc	240
aaatctctgt	tgttctatgc	ccaaaactgc	cccaagatga	tggaagttgg	ggccaagcca	300
gccccctcggg	cattgtccac	tgacgcagta	cactaccaac	agatcaaaga	aaccctccg	360
gcagtgaga	aagacaaaac	tgctaaggcc	aagggtccaac	agactcctga	tggatcccag	420
cagagtccag	atggcacaca	gcttccgtct	ggacacccct	tgctgccac	aagccagggc	480
actgcaagca	aatgcccttt	cctggcagca	cagatgaatc	agagaggcag	cagtgtcttc	540
tgcaaaagcca	gtcttgagct	tcaggaggat	gtgcaggaaa	tgaatgccgt	gaggaaagag	600
gttgctgaaa	cctcagcagg	ccccagtggt	gttagtgatga	aaaccgatgg	aggggatccc	660
agtggaactgc	tgaagaactt	ccaggacatc	atgcaaaaagc	aaagaccaga	aagagtgtct	720
catcttcttc	aagataactt	gccccaaatct	gtttccactt	ttcagtatga	tcgtttcttt	780
gagaaaaaaa	ttgatgagaa	aaagaatgac	cacacctatc	gagtttttaa	aactgtgaac	840
cggcgagcac	acatcttccc	catggcagat	gactattcag	actccctcat	cacaaaaaag	900
caagtgtcag	tctggtgcag	taatgactac	ctaggaatga	gtcgccaccc	acgggtgtgt	960
ggggcagtta	tggaactttt	gaaacaacat	gggtgtgggg	caggtggtac	tagaaatatt	1020
tctggaacta	gtaaattcca	tgtggactta	gagcgggagc	tggcagacct	ccatgggaaa	1080
gatgccgcac	tcttgttttc	ctcgtgcttt	gtggccaatg	actcaaccct	cttcaccctg	1140
gctaagatga	tgccaggctg	tgagatttac	tctgattctg	ggaaccatgc	ctccatgatc	1200
caagggattc	gaaacagccg	agtgccaaag	tacatcttcc	gccacaatga	tgtcagccac	1260
ctcagagaac	tgctgcaaag	atctgacccc	tcagtcccca	agattgtggc	atttgaaact	1320
gtccattcaa	tggtatggggc	ggtgtgcccc	ctggaagagc	tgtgtgatgt	ggcccatgag	1380
tttgaggcaa	tcaccttcgt	ggatgaggtc	cacgcagtg	ggctttatgg	ggctcgaggc	1440
ggagggattg	gggatcggga	tggaagtcatg	ccaaaaatgg	acatcatttc	tggaacactt	1500
ggcaaagcct	ttggttgtgt	tggaagggtac	atcgccagca	cgagttctct	gattgacacc	1560
gtacggctct	atgctgctgg	cttcactctc	accacctctc	tgccacccat	gctgctggct	1620
ggagccctgg	agtctgtgcg	gacctctgaag	agcgtgagg	gacgggtgct	tcgccgccag	1680
caccagcgca	acgtcaaaact	catgagacag	atgctaattg	atgccggcct	ccctgttgct	1740
cactgcccc	gccacatcat	ccctgtgcgg	gttgacagatg	ctgctaataa	cacagaagtc	1800
tgtgatgaac	taatgagcag	acataacatc	tacgtgcaag	caatcaatta	ccctacgggtg	1860
ccccggggag	aagagctcct	acggattgcc	cccacccctc	accacacacc	ccagatgatg	1920
aactacttcc	ttgagaatct	gctagtcaca	tggaagcaag	tggggctgga	actgaagcct	1980
cattcctcag	ctgagtgcga	cttctgcagg	aggccactgc	atgttgaggt	gatgagtga	2040
agagagaagt	cctatttctc	aggcttgagc	aagttgggtat	ctgctcaggc	ctgagcatga	2100
cctcaattat	ttcacttaac	cccaggccat	tatcatatcc	agatggtctt	cagagttgtc	2160
tttatatgtg	aattaagtta	tattaaattt	taatctatag	taaaaacata	gtcctggaaa	2220
taaaaaaaaa	a					2231

<210> 8518  
 <211> 1151  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1152)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (694)...(263)  
 <223> similar to gi4929731 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8518
gtttaatttt ctagtttttc ttttttttc aaattctccc agatcctgat caggtacttc      60
tttatagcaa cacaagaaca gcctaacaca caggattaag ttgattccag gtaataaat      120
taagagaagc aatgactcgc tggagacagc agcaaattca gccagtttt attgcaaata      180
aaacaagtca ttcaagtga ttgtggaaat tgaggggtgca cgtgaagggg tggcaagggg      240
acgggactct tgaagatggg cagtgtttcc ttggtttgaa cttcaaagcc acactgttga      300
tgcaaaacct ctgaccattg ggcccaggtc catcaggaaa cacgtgacct agatgagctt      360
cacactgctt gcagacaacc tctgtgagag ctgacctaag cgaggatatc agacgtctca      420
ggatccctgt gtggccttca tcagagccag acgtaccatg agcctcggaa aacgaaggcc      480
accagtgcc agagcagtac tttttctcag aactgaagag tggactgtcg cagcacacgc      540
aatgatacat tctgtcttcc ttgttattca ggtagatccc actgaaaggc ggttccgttc      600
ccttttctct tgtgacgtag aactgctccg gggttagttt cttttgccac tcaactcttg      660
caagaggcag ctcacacgtt gcaagagacc cagggggatc cggatgaggg gtcttgagaa      720
ctcgtacctg tctttataac ttgtctataa atctaaaatt attccaaaat aaaaaagctt      780
atttaaaaaa ctttcttctc catggctacc cgtgtaccat caagcactac tggagaaaaa      840
tccccacctg gggagagggg tgtccttata aactcaaagt tactcatctc actgggggtt      900
cagtgaacca tggaaaccatc tttccccagt cagctctctt cccatttctc tgcaatgagt      960
gttttaaac ttttccactc tcaggaatgt aaactagtag aaccactatg gaaaacagtg     1020
tggagattct ttaaagaact aaaagtagaa taccatttaa tccagcaatc ccaactactg     1080
gtatctaccc agaggcaaa aagtcattac atanaaagat acctgccacc ggacgcgtgg     1140
gtcgacacgg g                                     1151

```

<210> 8519

<211> 1154

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (339)...(893)

<223> similar to gi836709 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 8519
gtcatcttct tctcttcgta tacaatgttt tcccctaatt catttctcac gtgcattacc      60
gtaacagtag cttctttggg ctccctgtgt ccaatttctt ccatttcaaa acatcctggg     120
tattgatgca agactaatct tcaaaatgtc atttttgacc ggcgctcgcc gctgccgccg     180
gcgcccttcc ccagtaccac ggcccggcgc ctgcactcgt ttcttgacag agagagctaa     240
gcttgtctgc tggatccctg cagtggagc gcaaaaggag agatttcacc tcttctggga     300
gcaggaaact ctacttcgac actcatgcct tagtgtgctt actggaagac aatgggtttg     360
ctactcaaca agcagaaatc atttgtctg cattggtcaa gatcctggag gccaacatgg     420
acatcgtcta caaagatatg gtcaccaaga tgcagcagga aatcactttt cagcaagtaa     480
tgtctcagat tgcaaatgtg aaaaaggata tgattatttt ggagaagagt gaattttcag     540
ccctcagagc agaaaatgag aaaataaaac tcgaactaca tcagttaaaa caacaagtaa     600
tggatgaagt gatcaaagtc cgaacagata ccaaattaga cttcaaccta gaaaagagca     660

```

gagtaaaaga	attgtattca	ttgaacgaaa	agaagctgct	ggaattgaga	acagaaatag	720
tggcattgca	tgcccagcaa	gatcggggccc	ttacccagac	agacaggaag	atcgaaactg	780
agggtgctgg	cctcaaaaacc	atgcttgagt	cacacaagct	tgataatatt	aaatattttag	840
caggggtctat	atttacgtgc	ctaacagtag	ctctgggatt	ttatcgctg	tggatctaata	900
aaagtgtcta	tttaaagtga	tttctactgt	tttgcccttaa	gaataccaga	ttgttggctg	960
ggtgcggtgg	tctctaactc	ctgacctcgt	gattcacccg	ccttggtctc	ccaaagtggg	1020
gggattacag	gcgtgagccg	ctgcgcctgg	cccattctca	tcttattcaa	attactggca	1080
catgggcaag	agagacaatg	acatggatag	aagcttttct	gcctttctct	gcacacacat	1140
acagtgaagg	aacc					1154

<210> 8520  
 <211> 2216  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc feature  
 <222> (2119)...(431)  
 <223> similar to gi5764543 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8520						
tttttttttt	ttcattttctt	aactgaaaat	atattttcac	agaaacaaca	aagcaaaggg	60
gataaaaaaca	atagcgacca	gaaaagctaa	cttaggtgaa	tgggtgccact	caaaggtctt	120
tccgagggaa	gctcagtcct	ggcttgcgag	agtcagcctt	ggctcacctc	ataacggggc	180
tccaagctaa	ggcgtcaagg	aagcagtcct	actgcttctc	gctgtcagca	agaccacaag	240
gcagatgccc	actgctgtcc	tctttccttg	tctactttct	catctaagtg	tcgtaagaca	300
gccttgcaact	ggtccctgag	taacagagca	gctgtcatga	gcacaggctc	attttatccg	360
agagcattct	tatctttgag	agaaatgaga	atatgacaag	gagaactaaa	cagcagcagg	420
cctagcctca	gcagcctttc	tgagtgatgt	ctagtcctga	cgactttgtg	atttccaaaag	480
tcgtgaacac	ctccccacat	gtggggtgaa	ttccaatggg	gtcatcaagt	agctgttttg	540
tgagcccaca	tttcattgca	gctgcaaate	cttgggtaac	ctcacgggcg	tttgggtccaa	600
gaatatgaaa	tcctatcacc	cgatcatggg	cgaattttat	gcagattatc	tttgcgtaac	660
aagtgtgtgt	ctctctgcc	gctactgtcc	attcaagagg	ccagaacaaa	gtatgatata	720
tttctagatt	ctctttttta	tatacttcaa	tagctttctc	ttcagataat	ccacagcaac	780
catactccag	aggagtaaac	actgtagtcg	gaacattaat	ataatcacac	ttttctaaag	840
aggccccaaa	aagtctctga	gctagcagct	tgctgactg	tatggcgaca	gaagtgaact	900
caaacttatc	ctccaaaata	tcaccaacag	catagacata	tggcacattg	gtctgttcca	960
catcattttac	aggtattttt	ccactcttct	cattaatttt	gacaccaate	ttctccaagc	1020
ctatttttct	tgtacaggag	tcacgaccaa	tagctaacaa	aactgtgtta	tagactcctt	1080
caattgtttc	tgttccttca	gtggatttag	ccaacacttt	cagctttcca	ggtgaacctt	1140
tctccaactg	ttgaaccatc	acagggtatga	atttccgtag	gaacttcaca	ccatgctgct	1200
ccatgtagga	acccactttt	tctgccattt	cttggctgaa	gccacggaga	aggattgagc	1260
gtaccataac	tgtgacatct	aggccaaagc	cagccagaaa	ccctgcacac	tccagggcaa	1320
cataagaggc	acccaccact	aatgttttgc	cagggcaata	aggcagagaa	aaaagggtcat	1380
cactagtaac	acagtattct	ttatctcctt	ggattcctaa	ataccgtggc	ctttcacccg	1440
ttgcttatgac	aaactgtgca	gcagtataat	aagtctcctg	tcctttttta	ttggttgccct	1500
ttattttatg	atgttcaaca	aattctccat	agggaattgac	ataggccaca	gccttttccc	1560
tcagagacaa	cctgtagccc	cagtttagag	agctgatgtg	gttctgaatc	gcttttgtca	1620
ttgtctccca	gttgtgcctc	acttgttgat	tatattccca	gccaaatttc	cttgagtcac	1680

ataatgcctg	ccccaaaagg	gcagcctgat	gcatcaat	cttaggaata	caacctacat	1740
ttacacaagt	gccaccaaga	cccaggatg	tgccctgagg	tgacgggaca	acaaagtcta	1800
gcaccataac	tttctttccc	aaaatggcag	cttccttcgc	acatgaaagg	cctccagaac	1860
caccaccgat	gatgatgaga	tcataatcat	atgccaaatc	ttcctgaagg	agcttctgta	1920
acaaaccact	ctgatatgcc	tggaaagttt	ggtcacatcc	acctacatgc	actttattca	1980
cgaaaatatt	gggcacagtt	ttctgattag	tgattttctga	cagcacttct	tgaaccctgg	2040
ccccatcatc	aacttgatca	agttccaaga	cattacattc	gactcccaaa	gaagaaaaga	2100
gttctttcac	cttgctgggc	tccagcgtcc	tcgagcagca	ggagcaggac	aagtaagagc	2160
aggaggaaca	gaggcatgga	gaaggaggag	gagttggagc	agggagggag	ggagcg	2216

<210> 8521  
 <211> 658  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (408)...(236)  
 <223> similar to gi5726235 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8521						60
cctttttttt	tttttataaa	tatatgtata	tattttat	acattatata	catggcatat	120
ctatacagtt	acattttacac	ttgacttaga	gtcaaagtca	tatacacaca	cacaggactt	180
ggactcaaa	ctttttaatga	caagcatgca	aaatttctta	gtatagaccc	taagagtacc	240
cttaataata	gtatgtttat	ttaaaaattc	tatgtatcta	ctactgttac	caggggggtcc	300
ttgctcccag	agctcccaag	atgggtgggtg	gccacttcca	agatgggtggc	aggccacttc	360
caaaatgggtg	gcaagcctca	tgttctctga	cctgggggttc	ttggcctcac	agattccaag	420
gaatggaatc	ttgggccatg	cggtgagtg	tatagctcta	ttagaagtcg	tgggtcacgg	480
aagagaaccg	tggaaccag	tgactagtgt	tcagctcgat	taggacaaac	ccaggcactt	540
agccgtaccg	gaacaatggc	aagccttttag	cccgatcggg	agtggcaatg	ggcgcacggc	600
tgcacagga	gcacagcgga	caccctgcc	gatctggagg	gatggaagtc	agtggtaggt	658
ctgcaatggt	ggcaaacagc	agtgggtggat	ggcgagcgaa	agctcagctc	gagctgta	

<210> 8522  
 <211> 1260  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (165)...(825)  
 <223> similar to gi5817053 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8522
gtggcggtac agacactttt aactcacagt aaaagcaaaa gcaacagctc aagcagcctc 60
cttggagaaa acctgaaaat tcaacttggt caagagaagg tcttgtagct gcctaagttc 120
tagagcctcc tgacgtgagc atggctgaga gtgaggaccg ctccctgagg atcgttcttg 180
tagggaaaaac tggaagtggg aaaagtgcaa cagcgaacac catccttgga gaggaatct 240
ttgattctag aattgctgcc caagctgtta ccaagaactg tcaaaaagca tcccgggaat 300
ggcaggggag agaccttctt gttgtggaca ctccagggct ctttgacacc aaggagagcc 360
tggacaccac ctgcaaggaa atcagccgct gcatcatctc ctctgccc aagcagagcc 420
ctattgtcct agttctgctg ctgggcccgt acacagagga ggagcagaaa accgttgcat 480
tgatcaaggc tgtctttggg aagtcagcca tgaagcacat ggcatcttg ttcactcgca 540
aagaagagtt ggagggccag agcttccatg acttcatagc agatgcggat gtgggcctaa 600
aaagcatcgt caaggagtgc gggaaccgct gctgtgcctt tagcaacagc aagaaaacca 660
gtaaggcaga gaaggaaagt caagtgcagg agttggtgga gctgatagag aaaatggtgc 720
agtgaacga aggggcttac ttttctgatg acatatacaa ggacacagag gaaaggctga 780
aacaacggga agaggttttg aggaaaatct acactgacca attaaatgaa gaaattaaac 840
tagtagaaga ggataagcat aaatcagagg aaaaaaagga gaaagaaatt aaattgctaa 900
aattaaaaata tgatgaaaaa ataaaaata taagggaaga agctgagaga aatatattta 960
aagatgtttt taataggatt tggaagatgc tttcagaaat atggcatagg tttttgtcga 1020
aatgtaagtt ttattcttcc taatttactg tgatttggtt atggatgaat tgtattttgc 1080
aaagatagtt agagaaatac ctcttcccc ttagctttat taaggatatca ttgataaata 1140
aaaataaaat atgtttaatg tatataatgt gattttttaa tatatatata tatatatata 1200
tacacacaca ttgtgaaata atgaaataaa ggtaattaac acatctaaaa aaaaaaaaaa 1260

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<210> 8523
<211> 2405
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (19)...(1518)
<223> similar to gi4558638 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 8523
tcccgggtcg acgttttcgtt ggcgatggcg gagggcgaga ggactgagtg tgctgagccc 60
ccccgggacg aacccccggc tgatggagct ctgaagcggg cagaggagct caagactcag 120
gccaatgact acttcaaagc caaggactac gagaacgcca tcaagttcta cagccaggcc 180
atcgagctga accccagcaa tgccatctac tatggcaacc gcagcctggc ctacctgcgc 240
actgagtgtc atggctacgc gctgggagac gccacgcggg ccattgagct ggacaagaag 300
tacatcaagg gttattaccg cggggtgcc agcaacatgg cactgggcaa gttccggggc 360
gcgctgcgag actacgagac ggtggtcaag gtgaagcccc atgacaagga tgccaaaatg 420
aaataccagg agtgcaacaa gatcgtgaag cagaaggcct ttgagcgggc catcgcgggc 480
gacgagcaca agcgtccgt ggtggactcg ctggacatcg agagcatgac cattgaggat 540
gagtacagcg gacccaagct tgaagacggc aaagtgacaa tcagtttcat gaaggagctc 600
atgcagtggg acaaggacca gaagaaactg caccggaaat gtgcctacca gattctggta 660
caggtcaaag aggtcctctc caagctgagc acgctcgtgg aaaccacact caaagagaca 720
gagaagatta cagtatgtgg ggacacccat ggccagttct atgacctcct caacatatct 780

```

gagctcaacg	gtttaccctc	ggagaccaac	ccctatatat	ttaatggtga	ctttgtggac	840
cgaggctcct	tctctgtaga	agtgatectc	acccttttcg	gcttcaagct	cctgtaccca	900
gatcactttc	acctccttcg	aggcaaccac	gagacagaca	acatgaacca	gatctacggt	960
ttcgaggggtg	aggtgaaggc	caagtacaca	gccagatgt	acgagctctt	tagcgagggtg	1020
ttcgagtggc	tcccggtggc	ccagtgcac	aacggcaaag	tgctgatcat	gcacggaggc	1080
ctgttcagtg	aagacggtgt	caccctggat	gacatccgga	aaattgagcg	gaatcgacaa	1140
ccccagatt	cagggcccat	gtgtgacctg	ctctggtcag	atccacagcc	acagaacggg	1200
cgctcgatca	gcaagcgggg	cgtgagctgt	cagtttgggc	ctgacgtcac	caaggccttc	1260
ttggaagaga	acaacctgga	ctatatcatc	cgcagccacg	aagtcaaggc	cgagggctac	1320
gaggtggctc	acggaggccg	ctgtgtcacc	gtcttctctg	cccccaacta	ctgcgaccag	1380
atggggaaca	aagcctccta	catccacctc	cagggctctg	acctacggcc	tcagttccac	1440
cagttcacag	cagtgcctca	tccaacgctc	aagcccatgg	cctatgccaa	cacgtgctg	1500
cagctaggaa	tgatgtgagg	tgacgggcgg	ggcggcctgc	atcccagggc	ccctccaatc	1560
ccaccggacc	caggccctgg	gctaggggca	gagcaggccc	cgccccaggg	caatgttgga	1620
ccccctttta	ctttgtaaag	tttgtattta	ttccccttta	ggtttgacga	gggggtaggg	1680
gcagagtcag	gggctggcca	gagggctctg	tccctggaca	gagaggaagg	aggtggagca	1740
gctggggctg	ggggcacagc	ctgggcattc	tgtggggagg	ccgtcctcgg	ggtgggggtg	1800
ggccgagtg	ctgcctggcc	cccctcattt	gcatggctcc	tccccactc	aagcaatagg	1860
gccccgccat	aggaagacct	ccagagagag	ggtcagcagg	ggggccccgc	ctgcgcctcc	1920
cctcctatag	ccccatgggtg	gggctaggct	ggggctcacc	cccctcccca	gctattttat	1980
gtctgttaatt	aaatatgtta	aaataaagtc	attatcgga	gtcagcttgt	ctctggatgg	2040
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aggccgcaaa	gtcccgctgg	ccggggccac	ccagctctgg	gctgaccgcc	caagtggcct	2160
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cagcaacaag	catgacagtg	ccgctccctg	ctccctgctc	agggtagggc	cagcagtggt	2340
tcttgacatc	acacgatgag	gcgcgcacat	cccgggaattc	caccacgtgg	tctagggctc	2400
tcaat						2405

<210> 8524

<211> 2182

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2183)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (43)...(1697)

<223> similar to gi3901030 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8524

agccacctc	aggtgccttc	tcgccggcct	tctcaccca	ccatgtctcg	gcagtcctcc	60
atcaccttcc	agtctggcag	ccgcaggggc	ttcagcacca	cctcggccat	caccccgga	120
gctggccgct	cccgtttcag	ctctgtctct	gtggcccgtc	ctgcagcagg	gagtgggggc	180
ctgggaagga	tcagcagtgc	tggggccagc	tttgaagcc	gcagcctcta	caacctgggg	240

gggtgccaa	gggtctccat	caatgggtgt	ggcagcagct	gccgaagtgg	ctttgggtggc	300
agggccagca	acgggttttg	agtcaacagt	ggattttggct	atgggggtgg	agttggagga	360
ggcttcagtg	gccccagctt	ccccgtgtgt	ccccctggag	gcattccaaga	ggtcactgtc	420
aaccagagtc	tcctgactcc	tcttcacctg	caaatcgacc	ccaccatcca	gcgggtgcgg	480
gccgaggagc	gcgagcagat	caagaccctc	aacaataagt	tcgcctcctt	catcgacaag	540
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ctccgacggc	agctggaaa	catcaccacc	gagaggggca	ggcttgaagc	tgaactgagg	720
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acagctgctg	agaatgaatt	tgtagccctg	aaaaaggacg	tagatgctgc	ctatatgaac	840
aagggtggagc	tggaagccaa	ggtcaaattc	ctgcccagg	agatcaactt	catccactca	900
gtctttgatg	cagagctgtc	ccagttgcag	acccaggtcg	gtgacacatc	cgtggtgctg	960
tccatggaca	acaaccgcaa	cctggacctg	gatagtatca	tcgccgaggt	caaagcacia	1020
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gagatcgcca	cctaccgcaa	gctgctggaa	ggcgaggagt	gcaggttgag	tggagaggga	1440
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agtgggtggc	atagcctggg	tgcaggcctg	ggaggttctg	gattcagtgc	caccagcaac	1620
cggggcttag	ggggcagtg	ttctagcgtc	aagtttgtct	ccaccacatc	ctccagccag	1680
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gctgctggga	gcctggagta	ctggctatac	ccattcccag	gcctaagcca	gcctctccct	1860
cctgacagtg	cccagactgc	cagcagcacc	cgtctgttac	acatgtgaaa	ccaaagcctg	1920
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ggttgctacc	cactgtcttc	atagtgttta	taagtggcct	gctgggagtg	agtgtccctt	2100
ctgttccttc	cctggaatgt	gtctattaaa	tgcattgtgtc	acctgttttg	tgtctggccc	2160
ttccnnana	anaaaaaaaaa	aa				2182

<210> 8525

<211> 582

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (348)...(519)

<223> similar to gi403018 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8525

tttcgtgcgg	cggcgagagc	gacgggtccca	tctttcccac	cctcttggtt	gccgctggcc	60
acacgccctc	cgctggcggc	gacttctcag	ctccgtgcgc	ccgggctgga	cagttagcct	120
cgagaggaga	tgcgggcggc	tagagccgga	gtggggcgag	ccgcggaacc	cggccgggag	180
ccgcgcgagg	cgtgatcgga	gggtatgggt	ggcatggaat	tgaatttcac	ctgtctgtgg	240



gaattgtaag	caagattgcc	atcacgaaag	ccaaagtgga	tttctccagt	gtggtgtgcc	300
tgcccccttc	cgtcattgct	gtgaatgggc	tggacggagg	aggggcccgc	gaaaatgatg	360
atgaaccagt	gctcgtgtcc	ttatctgcgg	caccagtgcc	ccagagtga	gctgttgcca	420
atgaactgca	ggagctctcc	ttgcagcccc	agctgaccct	aggcctccac	cctggcagga	480
atcccaattt	gcctccactt	agtgagcgga	agaatgtgct	acagttgaaa	ctccagcagc	540
gccggaccgc	ggaagaactg	gtgagccaag	ggatcatgcc	gc		582

<210> 8526

<211> 1272

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (106)...(859)

<223> similar to gil086626 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8526						
agcgctgccg	tccggaggcg	ctccgaggtt	cgaggctgtg	ccccgcgacc	ccgccttcgg	60
cgctcggctc	gcaggatgga	tcccgtaacc	gggacagact	cggcgcgct	ggctggcctg	120
gcctggctcg	cggcctctgc	acccccgcgc	cgggggttca	gcgcgatctc	ctgcaccgtc	180
gagggggcac	ccgccagctt	tggcaagagc	ttcgcgcaga	aatctggcta	cttcctgtgc	240
cttagttctc	tgggcagcct	agagaacccg	caggagaacg	tgggtggcca	tatccagatc	300
gtggtggaca	agagccccct	gccgctgggc	ttctcccccg	tctgcgaccc	catggattcc	360
aaggcctctg	tgtccaagaa	gaaacgcatg	tgtgtgaagc	tgttgccccct	gggagccacg	420
gacacggctg	tgtttgatgt	ccggctgagt	gggaagacca	agacagtgcc	tggatacctt	480
cgaatagggg	acatgggcgg	ctttgccatc	tgggtgcaaga	aggccaaggc	cccgaggcca	540
gtgccccaa	cccagggtct	cagccgggac	atgcaggggc	tctctctgga	tgcagccagc	600
cagccaagta	agggcggcct	cctggagcgg	acagcgtcaa	ggctgggctc	tcgggcatcc	660
actctgcgga	ggaatgactc	catctacgag	gcctccagcc	tctatggcat	ctcagccatg	720
gatgggggtt	ccttcacact	ccaccacaga	tttgagggca	agagctgcag	ccccctggcc	780
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tacggcttcg	tgggtggagaa	gaccgcggct	gcccgcctgc	cccccagcgt	ctcatagtcc	900
ctcacccttc	cgcggaagaa	gcccccttac	tcacactccc	cgccagcctg	gggccacccc	960
ccctcactgc	atcctggggg	gccaccccc	ctcactgcat	cctggggcca	ccccccctca	1020
ctgcatcctg	ggaaccttcg	ccctgcaagg	cgtttgctat	cttcaagcca	ctgggcggag	1080
ctgcagccct	ggaggagggg	gcgggtcgag	gctgcgtggg	gatgggggtc	ccgccccac	1140
gccctgccgg	gcagggtctg	agctggacag	aagccagtgc	ctttaagtca	tttgtgtcaa	1200
aacctcttgg	ggtccggagg	ctgtgcgggt	gtcctcctgg	caataaacac	taccgggttc	1260
tcaaaaaaaaa	aa					1272

<210> 8527

<211> 805

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (718)...(192)  
 <223> similar to gi609013 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8527  
 tttttttttt agatttttta attttcaaca aattgaacat ttacaacatt gttacaactg 60  
 agaacattga caacacaggg attttcaaca gtagcattt agcaaggatt tttttcagaa 120  
 gaaaacaaaa tgtagtaca ttttgattt catagcattg ctctgtggaa aattagctgg 180  
 catccatttt aaatgaaccc tgtagcattt cttccattcc gtggcctgaa taaaaaatat 240  
 cctcgacttt gacttgcaaa gggacttttg aattcttctg ccactctgaa tctcttcatt 300  
 cttctctcat gcaggtaggg aacgagctgc agcaacggat gcacaactga cgacacaaca 360  
 tttgacttgc ccaacttctg tgtcttcgaa taatgaaata agaacctttt agtattatct 420  
 ttttcatctt gttctgagg ctttggttagc attcccataa tcataaagca aagctcctcc 480  
 agtgcggttg atgctgagg ctgagaatca atggacagaa aagacgaaca agtatcatct 540  
 atctcattcc acaactgtag ctggtgttca ggctgtaatc cttgaggtaa tattggagca 600  
 cctcggcagg cgcccgcgca ccaggcgagc agcagcagca gcagcaggag cggggacgcc 660  
 tcggccacct gtccggcggg cgacctgggg cggcagctct ctgttcgcag catctcggcg 720  
 gctgcgggag gctcggtgct agggacgctg cgctgcgcca cgcgtagctg gtgctccacc 780  
 tggtagcctg gctgtgcctc gggggc 805

<210> 8528  
 <211> 5616  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5550)...(3831)  
 <223> similar to gill155088 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8528  
 gccccgcgcc ggccgcgcc gctctcctag tcccttgcaa cctggcgctg catccggggc 60  
 actgtccagc gtccaggtc ccggcccgga gctatggagc ggcgctggcc cctggggcta 120  
 gggctggtgc tgctgctctg cgcccgctg cccccgggg cgcgcgccaa ggaagtact 180  
 ctgatggaca caagcaaggc acaggagagc ctgggctggc tgctggatcc cccaaaagat 240  
 gggtaggagt aacagcaaca gatactgaat gggacacccc tctacatgta ccaggactgc 300  
 ccaatgcaag gacgcagaga cactgaccac tggcttcgct ccaattggat ctaccgcggg 360  
 gaggaggctt ccgcgtcca cgtggagctg cagttcacgc tgcgggactg caagagtctc 420  
 cctgggggag ccgggcctct gggctgcaag gagaccttca accttctgta catggagagt 480  
 gaccaggatg tgggcattca gctccgagcg cccttggtcc agaaggtaac cacgggtggc 540  
 gcagacccag agcttcacca ttgcagacct tgctgtggc tccgtgaagc tgaatgtgga 600  
 gcgctgctct ctgggcggcc tgaccgcggc tggcctctac ttcgcttttc cacaaccggg 660  
 gtgcctgtgt ggccctggtg tctgtccggg tcttctacca gcgctgtcct gagaccctga 720

atggccttggc	ccaattccca	gacactctgc	ctggccccgc	tgggttggtg	gaagtggcgg	780
tgacctgctt	gccccacgcg	cgggccagcc	ccaggccctc	aggtgcaccc	cgcctgcact	840
gcagccctga	tggcgagtgg	ctgggtgctg	taggacggtg	ccactgtgag	cctggctatg	900
aggaaggtgg	cagtggcgaa	gcatgtgttg	cctgccctag	cggctcctac	cggatggaca	960
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ccatctgtac	ctgtgagagc	ggccattaca	gagctcccgg	ggagggcccc	caggtggcat	1080
gcacaggtec	cccccgggc	ccccgaaacc	tgagcttctc	tgccctcagg	actcagctct	1140
ccctgcgttg	ggaaccccc	gcagatacgg	ggggacgcca	ggatgtcaga	tacagtgtga	1200
ggtgttcccc	gtgtcagggc	acagcacagg	acggggggcc	ctgccagccc	tgtgggggtg	1260
gcgtgcactt	ctcgccgggg	gcccggggcg	tcaccacacc	tgacgtgcac	gtcaatggcc	1320
ttgaacctta	tgccaactac	accttttaag	tggaaagccc	aaatggagtg	tcagggtctg	1380
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caggcctgtc	tctgagactg	gtgaagaaag	aaccgaggca	actagagctg	acctggggcg	1500
ggtccccggc	ccgaagccct	ggggcgaaacc	tgacctatga	gctgcacgtg	ctgaaccagg	1560
atgaagaacg	gtaccagatg	gttctagaac	ccagggtctt	gctgacagag	ctgcagcctg	1620
acaccacata	catcgtcaga	gtccgaatgc	tgacccctct	gggtccctgg	cctttctccc	1680
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atcgagagga	caagctgtgg	ctgaagccct	atgtggtacc	tccaggcata	cgaggacctt	1920
gcacagggag	ccttggactt	taccgggagg	ctgggtctaat	tttccttccc	gggagcttga	1980
tccagcgtgg	ctgatggtgg	acactgtcat	aggagaagga	gagtttgggg	aagtgtatcg	2040
agggaccctc	aggctcccca	gccaggactg	caagactgtg	gccattaaga	ccttaaaaga	2100
cacatcccca	ggtggccagt	ggtggaactt	ccttcgagag	gcaactatca	tgggccagtt	2160
tagccacccg	catattctgc	atctggaagg	cgctcgtcaca	aagcgaaagc	cgatcatgat	2220
catcacagaa	tttatggaga	atggagccct	ggatgccttc	ctgagggagc	gggaggacca	2280
gctggtccct	gggcagctag	tggccatgct	gcagggcata	gcacctggca	tgaactacct	2340
cagtaatcac	aattatgtcc	accgggacct	ggctgccaga	aacatcttgg	tgaatcaaaa	2400
cctgtgctgc	aaggtgtctg	actttggcct	gactcgccct	ctggatgact	ttgatggcac	2460
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gcccggggac	cagaagcgca	ttctttgcag	tattcaggga	ttcaaggact	gateccctct	3060
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acatatatat	atttttgtaa	ataaacagga	actgattttc	tgccctccatc	ccacccatga	3360
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ctggagaaaa	cttaggggct	ggagccggag	atgaggtctg	gggccctcgg	ggctgggtgt	4800
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ccggggcg	cgggggaatc	tcgccacccc	ggcccatctg	tgcgcgctgg	gccccgggtg	5400
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cagggccgaa	cttcttctgc	ggggcgtaaa	aagccggagc	cgagaccgaa	acggagatcg	5520
cgggagacgg	gcggggggcc	gccatggccg	ggccgggctg	cgcaggccgg	agcgtgcgcg	5580
ccgcgtctcg	ggtggccgcc	tcggcgccgg	gtccgc			5616

<210> 8529

<211> 371

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (91)...(246)

<223> similar to gi963092 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8529

agagcgaaca	gggagcggag	cttttgtctg	tcggactccc	tggaactgaag	agagggagaa	60
tagaagccca	agactaatat	tctcaagacg	gtttattacc	cacaactctt	tgtctgggtc	120
agtcaagaac	catttccaaa	caaggacatg	gaggggaaggc	ttcctaaggg	aaaacttcct	180
gacccaaagg	aagggaaccg	caagaaaaac	gatgagacaa	acgctgcctc	cctgactcca	240
ctttttttaa	tcggaacacc	tccatttgta	ttacatatgg	tgtatgggta	ttgatgaggt	300
catggtatca	tatatgggat	tttttcttgt	gtaaatcatc	aagtataatg	aagaaactat	360
gggactcttg	g					371

```

<210> 8530
<211> 2059
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (106)...(1181)
<223> similar to gi4827159 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8530
acgatccccga gctcgggcagc agcgcgagcgg gccgggccac ctgctgggtgc cctggaggct      60
ctgagccccg gcggcgccccg ggccccacgcg gaacgacggg gcgagatgcg agccaccctt      120
ctggctgtctc ctgcggggttc cctgtccagg aagaagcggg tggagttgga tgacaactta      180
gataccgagc gtcccgtcca gaaacgagct cgaagtgggc cccagcccag actgcccccc      240
tgccgtgttg cctcgagccc acctactgct ccagatcgtg caactgctgt ggccactgcc      300
tcccgtcttg gccctatgt cctcctggag cccgaggagg gcggggcgggc ctaccaggcc      360
ctgcaactgcc ctacaggcac tgagtatacc tgcagggtgt acccctgcca ggaagccctg      420
gccgtgctgg agccctatgc gcggctgccc ccgcacaagc atgtgggtcg gccactgag      480
gtcctggctg gtaccagct cctctacgcc ttttccactc ggaccatgg ggacatgcac      540
agcctgggtg gaagccgcca ccgtatccct gagcctgagg ctgccgtgct cttccgccag      600
atggccaccg ccctggcgca ctgtcaccag cacggtctgg tcctgctgga tctcaagctg      660
tgtcgctttg tcttcgctga ccgtgagagg aagaagctgg tgctggagaa cctggaggac      720
tcctgctgctg tgactgggccc agatgattcc ctgtgggaca agcacgcgtg cccagcctac      780
gtgggacctg agatactcag ctcacgggcc tcatactcgg gcaaggcagc cgatgtctgg      840
agcctggggc tgggcgtctt caccatgctg gccggccact accccttcca ggactcggag      900
cctgtcctgc tcttcggcaa gatccgccgc ggggcctacg ccttgccctgc aggcctctcg      960
gcccctgccc gctgtctggt tcgctgcctc cttcgctcgg agccagctga acggctcaca     1020
gccacaggca tctccttgca ccctggctg cgacaggacc cgatgccctt agccccaacc     1080
cgatcccatc tctgggaggc tgcccagggt gtccctgatg gactggggct ggacgaagcc     1140
aggggaagagg agggagacag agaagtgggt ctgtatggct aggaccaccc tactacacgc     1200
tcagctgcca acagtggatt gagtttgggg gtatgtccaa gccttctcct gcctctgaac     1260
tgagccaaac cttcagtgcc ttccagaagg gagaaaggca gaagcctgtg tggagtgtgc     1320
tgtgtacaca tctgctttgt tccacacaca tgcagttcct gcttgggtgc ttatcagggtg     1380
ccaagccctg ttctcggtgc tgggagtaca gcagtgagca aaggagacaa tattccctgc     1440
tcacagagat gacaaactgg catccttgag ctgacaacac ttttccatga ccataggcta     1500
ctgtctacac tgggtacact ttgtaccagt gtcggcctcc actgatgctg gtgctcaggc     1560
acctctgtcc aaggacaatc cctttcaca acaaaccagc tgcccttgta tcttgtacct     1620
tttcagagaa agggagggtat ccctgtgcca aaggctccag gcctctcccc tgcaactcag     1680
gacccaagcc cagctcactc tgggaactgt gttcccagca tctctgtcct cttgattaag     1740
agattctcct tccaggccta agcctgggat ttgggccaga gataagaatc caaactatga     1800
ggctagtctt tgtctaactc aagactgttc tggaatgagg gtccaggcct gtcaaccatg     1860
gggcttctga cctgagcacc aaggttgagg gacaggatta ggcagggtct gtccctgtggc     1920
cacctggaaa gtcccagggt ggactcttct ggggacactt ggggtccaca atcccaggtc     1980
catactctag gttttggata ccatgagtat gtatgtttac ctgtgcctaa taaaggagaa     2040
ttatgaaata aaaaaaaaaa

```

```

<210> 8531
<211> 2652

```

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (556)...(1288)  
 <223> similar to gil665801 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8531
ccttcaagtc ctaaccttta acctctggaa gaaaggatga tgaccaagat ggaccccaat      60
gaccaggctc aaagggacat catatttgaa ctgaggagga ttgcatttga cgcagagtct      120
gacccatgca atgcccctgg gagggggacc gaaaaacgca aagccatgta cacaaaggac      180
tacaaaatgc tgggattttac caaccacatc aatccagcca tggactttac ccagactcct      240
cctggaatgc tggccttgga caacatgctg tacttggcta aagtccacca ggacacctac      300
atccggattg tcttggagaa cagtagccgg gaagacaaac atgaatgccc ctttggccgc      360
agtgccattg agctcaccaa aatgctctgt gaaatcctgc aggttgggga actaccaaat      420
gaaggacgca atgactacca cccgatgttc tttacccatg accgagcctt tgaagagctc      480
tttggaaatc gcattccagct gttgaacaag acctggaagg agatgagggc aacagcagag      540
gacttcaaca aggttatgca agtcgtccga gagcaaatca ctcgagcttt gccctccaaa      600
cccaactctt tggatcagtt caagagcaaa ttgcgtagcc tgagttactc tgagattcta      660
cgactgcgcc agtctgagag gatgagtcag gatgacttcc agtccccgcc aattgtggag      720
ctgagggaga agatccagcc cgagatcctt gagctgatca agcagcagcg cctgaaccgg      780
ctctgtgagg gcagcagctt ccgaaaagatt gggaaaccgcc gaaggcaaga acggttcttg      840
tactgccggt tggcactgaa ccacaaggtc cttcactatg gtgacttggg tgacaaccca      900
caaggggagg tgacatttga atccctgcag gagaaaattc ctggttcaga cattaaggcc      960
attgtcactg ggaaagattg tccccacatg aaagagaaaa gtgctctgaa acagaacaag     1020
gaggtgttgg aattggcctt ctccatcctg tatgaccctg atgagacctt aaacttcac      1080
gcacctataa aatatgagta ctgcatctgg attgacggcc tcagtgccct tctggggaag     1140
gacatgtcca gtgagctgac caagagtgc ctggacaccc tgctgagcat ggagatgaag     1200
ctgcggtccc tggacctgga gaacatccag attcccgaag cccaccccc catccccaa      1260
gagcccagca gctatgactt tgtctatcac tatggctgag cctggagcca gaaacgacgg     1320
taccaggagg aagggatttt gggcccagga gaaacactta cattctggtg ccttgtcttt     1380
tgcttgtaca gaatctgtag tgattttggt ggccagtaaa tgccagccat ttctcaaacc     1440
cacctcggac caccagagt ttctctcttg tccctgtcta ctaagagtca tgaaggcagg     1500
gtgctctgcc cactccatca ccatgaagcc tgggattggg ccacgaggaa caaacagcag     1560
atgcccttgc cttccagtc aagaaactgc ttcttgaaat ggatttaaca acagccactc     1620
accttttctt cctgagcctg ctctctgatc agctggatcc ccacgtgagc aacagttggc     1680
ccaggaaagg ctgcctgcag aggacaggtg tgttgggctg gttgagagcc ttgaagtgac     1740
tacctgtatc ttagatctga gtacaagcct gaggcttttg cttttgtctt ttttgatgag     1800
ggctcactcc agcttcatat ggtgccaaaga cgttgctgct tctgaggttg gctctaacta     1860
ctctgggtct tagagccacc agatctctct ggcccatata gatatcagag cagacggaaa     1920
tttctccctg caagcgtca gtctcatccc agcaagtcaa agacctctg gccaaagtcct     1980
gccctcttaa gtctccagga acgctgcagg gaaaacccag ctgaggcctg ggcctagact     2040
gtggtgaggt cactagattc tactgctctt cccccacatt aatacctttt ccttctcag      2100
agagaaatct cccctaacct gaattgcagc cccctccagt ttgctttcct ttggccttcc     2160
agaccccagg aagttggcct tcccttcta gtgctatggt ttctgccatt ggccatgatt     2220
tcagggagct ggctgaggcc ggctgaggcc acacctgtgc cagtggggct tccctggtgc     2280
tgacgacttt gtaaaccaca cacacagcct ctctccctgg acatacgta gcacattggc     2340
attcagtatt ggtggcctgg catggtaggt actaccaat gaagagtgtg ctatatattt     2400
tcattactat aggccatact tatacagacg tgtatatata tttatataag atctacctat     2460
cttaggatgg aaccttgggg aaaaataaaa ttgaggggaa gtaaaaagta tgtaacactt     2520
ccagttgtga gccaaagatt taaccagaga gcagccagga gcttctgtgc agtaaccatg     2580
ttttcaataa atactctttc atgtacaaaa aaaaaaaagg gggggccggt ttaaaggacc     2640
  
```

```

<210> 8532
<211> 3234
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (3097)...(2527)
<223> similar to gi5777594 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8532
caaagggttc tttaaaaagg ggcgcccttt tttttttttt tgattgtaaa tgttttaata      60
gaaatacaca atcttttcaact ttctcagaca gcaataaagg ggtttgtaac aatcactaag      120
aatacagaat tttgccacga ggatgcagca taatctactg caaagctgat ctgcccaatt      180
acacgtagtc agctgcaaga atatcagaaa tcaatacaaaa caagtattga caggtgttac      240
agacatgcaa aatatccttc aatgcaacga atttttaaga aatcagctag cctatattaa      300
tcagatgttt taggtcaaac caagtttcca tcttgggctc agtgaaatag tattaactca      360
ttgagtctcc tttcccccag gaatgttggg aatggcagaa cagaaagagc tatcactcct      420
taaattcttt tatgcaagtg ttactccaac acttatttta cttgggtttac ttggaatgta      480
tgagaggaaa ctgatgtttt ttacaatggc caactgtatg tctaaatddd cagttctcct      540
ttttgtgagt ttcttgccag aaatccttgt taaaggatca gcgggtgttc accccgaagt      600
tcttgctgtt ttcagtgctc tactgcagac aggtttaaaa agccaactga acagcagcag      660
aatgaagtat ttttgaggtc tattcaaaaa tgtacagtcc caccactcac tagaacaagt      720
acacaagtaa atggactcag ccagtgcagg agatggaagg ctgccatddd ttatgtttgt      780
gcacagcctt acagtttgga ggtgtgtttg gcctactcta atattttctag tttgtcaaag      840
gctgtacact gttactgcca gtttgaccta catactgtgt tccccttgga tccctgctac      900
catttggaacc tctgtgtgtg gtgtgtgtat gtgtgtttgt gtgtgtgtgg tttgggttgg      960
tttgagacag ggtcttgcac tgtcacccca gctgcagtgc agtggcacia tctcggtcca     1020
ctgcagcctt gacctctga gctcaggatc ctcccatctc agcttcttga gtagctggga     1080
caacaggtgt gtgccatcac acccagctaa tttttttatt tttttagag ataggggtct     1140
cactacgttg cccaagctgg tcttgaactc ctggcttcaa gcgatgctcc cacctaggtg     1200
tcccaaagtg ctgggattac aggtgtgagc cacattcctg gctgagtttg gaacttgtaa     1260
tctcattgtt ttctaaataa tgtttcattt ttcttcagtg ttgaaaatag ttgatttact     1320
taagaatggc atgatcatga tgttccaaga ttctgattag tttctttcaa agcattctgc     1380
gcctcttcaa tgccacact gctgagcact ataataatag atgttgtag gccaaaggat     1440
gtcagatgta aaatatgttc tctagcccca ctcttagaaa tgttttatca atgactcagt     1500
ccacttgatt ttcaaaaagt caatgccatc ccattaaaca agtaaccctt taggtacaga     1560
ataattaatt cctgcctgag tcactttaac agccttctat agagtacat agtcttgctt     1620
tttttcacaa gcaatagctg aaaagaacaa atctcaactg taagaactgt cagtacattg     1680
tagggataaa gcactttttg aaaaaaaat ctctggcatg tattagacag actgaacatg     1740
agatagggtt ggggtgggct gagccttttg gtgtcattaa ctgaatacac aagaatgaac     1800
ctctcatcag atacaggaa tccatgtcat gcaagtacta caataagata acagtaaatt     1860
caggaatgtt actggggaaa aggaagatag cctcactgag aatttaatca tttaacatta     1920
aaaaaaacttt tacattggtt caagaaggta aaactgtaag aatcagatta ggctcaaact     1980
ggcaagaagc catctaaatc tttcttttta gtggatcttt ttcttttttt gtccatagcg     2040
ccgtctgcgc tgtttataaa ggtgacgaaa atttatgtat aaacctaaaa atatcattat     2100
aagataaatc tgaagaaaaa aggaaaatct aactttgatt ttcactggat atggcaatgt     2160

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gaaactgaat	cgccccggtct	cattgaatat	tggaaatggac	tgaatcactg	agacagcttc	2220
cgccaaacat	cccagtggat	ataagggat	ccacagagt	taacgaagcc	atgtgagcac	2280
cttccaatcc	atgtcaatgc	acgtcagcat	gtagaaagag	tacctgaaa	tttcaattgc	2340
actccacaaa	taaaacacaa	agaaaaccac	agctttgttc	tgcatttctt	ccatggtgcc	2400
aaagatgata	aacaaaataa	aatttcttcc	aagaagctgg	atcagagaag	gcagcaccgg	2460
tgacgtagt	actccaattg	ctgcattgat	agtttccaca	actgccagca	tctggcagaa	2520
atacatcatg	tcagccacag	tatggaatgt	gtcataaaa	gactcttttc	ccaagataca	2580
gaatcgcaca	gtcaggttga	caaagatcca	ggagaatccc	agaatttgca	caagattata	2640
cataaacagg	tatcttttcc	ttaagtttgt	aagagtttca	ggagagcctt	cgctttccag	2700
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atccagccaa	cgatcaaagt	caggagccaa	aaacagtgg	cgcttttcc	gctttgtgag	2820
tctctccac	cactgactca	cttcttcttg	tactgtaatg	tttacctgcc	tctgggtcag	2880
tttgtaaaaa	ggctctggtt	tcacaaggct	taagaactcc	aggtgaaatt	catagacatt	2940
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ggcagggttc	tgtacgtcac	tcagctccac	gcgcagatat	agctcgcggt	gtcgtgagc	3060
ccagtagaca	tgccggtc	acacctgatt	ctccatggcc	acactgcccc	gggcgcgggg	3120
aggctaggct	cgctgcgcct	cgctgcctca	ggtagtgtct	tgctggcgcg	agcagaaagc	3180
aggcctcaaa	ccctagcgct	cctgagcgcc	tgcaaccg	cacctcgagc	cggg	3234

<210> 8533

<211> 3326

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3005)...(2265)

<223> similar to gi2440074 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8533						
gctccagcct	ccaacgacta	aggctgcaag	gtcagacgag	aggcagaggc	cccagggccg	60
agtctgtag	tgaagactgt	ctgcacgatg	aactcctaga	aaaatagggg	cttctgctgc	120
tgagggtttg	tcagggttaac	gcggttacaa	aagcaggggtc	accactgggt	gaagacatcg	180
acacggggcg	cactcgcccg	tgtgtgtatt	taaatctatc	agcttagcac	cattgcaaa	240
tcaagtgatt	tcaaagatag	ctacaaagtt	acaaatatat	attatgagat	tattacaatg	300
atattcagtt	tcattctgaac	tgtgatttaa	ttttatttga	atttgagggc	ttgtaactgt	360
ttaatccttt	cttattccgc	cacacaggaa	aatgcctaag	ttctaactgt	acacttaaaa	420
ctgcactgtg	ataacacacg	gttgtacaga	atgcttcagc	agtatgtgta	ttttgaggta	480
gacaggtaat	atttattcat	acacagctac	tcatagaccc	ttatacagtg	actctagaaa	540
atgattttgga	tgaatagcaa	gcttaggtaa	ctgagtaact	caaaccgtcc	tgggagttga	600
tgggcttaaa	gaaagagatg	aattttgacc	aattcctaac	aaagaacttg	cttttgtttt	660
aaaaggcctt	acactgacaa	tcactcagat	ggaatttaata	tgcatgtttt	tctcatccct	720
aagataagggt	ctcttgagct	gctttttatc	taaagaaagc	agaagaaaac	agcgaatttc	780
aagaaaaaaa	atctccaagg	tgggttggtt	cttgaaagc	ctgaatgggtg	gccaaggacc	840
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cagcccggtg	gagaagacaa	tgacaactgc	aggacaacac	ctcaaccact	ccagaaaaca	960
gcccttgctc	ctccttctgg	ccttttcata	tttccaagtt	actgttttaa	aggaaaaaaa	1020
aaaatgtgtg	tgtggctgtt	tattctctaa	tgtgacaaaa	acatgaccat	ccgggaggag	1080
aggggctaac	ggtgcaacca	actgaggctg	aaacacagat	tcagctgaaa	tgcagcttct	1140



gcagagcggg	ggccggcttc	cctcctagcc	cttcagctgc	tcaccctgtc	cctgcagctc	1200
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ggaaggggag	gccttggaca	gacggggcag	tgagtgtgtc	tgggcataag	cccgaagcca	1320
ccaccagcaa	atcctcccca	cggatgccag	gagagctctg	atcctaacca	ccaccacctc	1380
tcccttcagc	aaaatcaaaa	cagggaaaaga	aaacatagga	aaccaaaccg	cggcactcaa	1440
caatttgggg	gaacaagtaa	tttttaaaag	taagagttgt	tccgtaaacc	agcactgagc	1500
tggtcacacg	gcctctgggtc	tacctgctga	gcatgtcaga	aatcccgcag	tggcgtctgg	1560
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gacgatcggc	tctgggagac	tgtgaagtgt	tttcatcctc	tgtaaactgt	gtgctggtag	2100
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tctggtccac	atgacacca	gaggcaatgt	tcttaagcgc	ggcgccggg	agcacccaag	2220
ggtgcgaggg	cccagtctgt	gggcgctgtg	tggcaccatt	cacagcaagt	ccatcttggg	2280
tctgtagtgc	agcaggagcg	gcgccttctt	gaatctccac	ctagtgacaa	ccacgaactt	2340
gagtgtgtgg	tccttgccca	ggatctcttc	gttgcataaa	atgtccagct	cgttaaagga	2400
tgaaagggtg	agtttttttg	cgatgaactt	cttcagatgc	aagacggtcg	cctgggctga	2460
gcagcggatc	cacttccgct	tcagcccgcg	cagtttgctg	ctgttacact	ccaggcagat	2520
gctcacctgc	tcgtcgtctg	ggtggtagtc	gttgctctcc	tccggcttct	cctccgcggc	2580
ctctttgttt	gaactgtcgt	ctgctttggt	ttcaccattc	cgatgggaat	ctaagtgtctg	2640
ttttgcagag	caggtctccc	ccttgatgtc	tccgggcacc	tccatgcccc	atttgtgata	2700
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atcttgcatg	gttctgtcat	gaccgatgta	ctgcaggggg	tggctctggt	ggatcacaat	2820
cctgcagggtg	gggcagggtgt	tgttctcttc	caggtacttc	accaggcagc	tcctgcagaa	2880
ggtgtgcaga	cactcgggtca	ccgtgggtggc	gtcgatgagg	taccgctgc	acaggcggca	2940
ggtgatgtgg	gcgttgatgt	cccacagctt	gatcttctctg	gtcaacatct	ttggcttctc	3000
cgctagacgt	ccgcgtgtcc	gtccctctgc	cggggcatgg	aggcttcagg	ccagcactcc	3060
cacgcgacgc	tgcctcctgg	ctccgcacgc	ggactcgtct	ctgcaccctc	cttccggccc	3120
tggctctttt	tccattttct	gagcacgacg	cctggggctc	ctgctacatt	gtgacgcctg	3180
cggctctcggg	gtgcggggcg	agcaaggcgc	acgcgggggtc	cgcgccggag	gggggagggg	3240
gcgcccgtcc	ctctgggtcc	cccccaagag	gaggagaaaa	aagcccgtcc	ggcctcgtgc	3300
caagctggcg	tggatcatggt	catgcc				3326

<210> 8534

<211> 1486

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (169)...(1055)

<223> similar to gil262329 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8534

ccgggtcgac	ccacgcgtcc	ggcagagcgg	agcgtggaga	gcggagcgaa	gctggataac	60
aggggaccga	tgatgtggcg	accatcagtt	ctgctgcttc	tgttgctact	gaggcacggg	120
gcccagggga	agccatcccc	agacgcaggc	cctcatggcc	aggggagggg	gcaccaggcg	180
gccccctga	gcgacgtcc	ccatgatgac	gcccacggga	acttccagta	cgaccatgag	240
gctttcctgg	gacgggaagt	ggccaaggaa	ttcgaccaac	tcaccccaga	ggaaagccag	300
gcccgtctgg	ggcggatcgt	ggaccgcatg	gaccgcgcgg	gggacggcga	cggctgggtg	360
tcgtggccg	agcttcgcgc	gtggatcgcg	cacacgcagc	agcggcacat	acgggactcg	420
gtgagcgcgg	cctgggacac	gtacgacacg	gaccgcgacg	ggcgtgtggg	ttgggaggag	480
ctgcgcaacg	ccacctatgg	ccactacgcg	cccgtggaag	aatttcatga	cgtggaggat	540
gcagagacct	acaaaaagat	gctggctcgg	gacgagcggc	gtttccgggt	ggccgaccag	600
gatggggact	cgatggccac	tcgagaggag	ctgacagcct	tcctgcaccc	cgaggagttc	660
cctcacatgc	gggacatcgt	gattgctgaa	accctggagg	acctggacag	aaacaaagat	720
ggctatgtcc	aggtggagga	gtacatcgcg	gatctgtact	cagccgagcc	tggggaggag	780
gagccggcgt	gggtgcagac	ggagaggcag	cagttccggg	acttccggga	tctgaacaag	840
gatgggcacc	tggtatgggag	tgagggtggc	cactgggtgc	tgccccctgc	ccaagaccag	900
cccttggggg	aagccaacca	cctgctgcac	gagagcgaca	cggacaagga	tgggcggctg	960
agcaaagcgg	aaatcctggg	taattggaac	atgtttgggg	gcagtcaggc	caccaactat	1020
ggcgaggacc	tgacccggca	ccacgatgag	ctgtgagcac	cgcgcacctg	ccacagcctc	1080
agaggccccg	acaatgaccg	gaggaggggc	cgctgtggtc	tggccccctc	cctgtccagg	1140
ccccgcagga	ggcagatgca	gtcccaggca	tcctcctgcc	cctgggctct	cagggacccc	1200
ctgggtcggg	cttctgtccc	tgacacaccc	ccaacccag	ggaggggctg	tcatagtccc	1260
agaggataag	caatacctat	ttctgactga	gtctcccagc	ccagaccag	ggacccttgg	1320
ccccaaagctc	agctctaaga	accgccccaa	cccctccagc	tccaaatctg	agcctccacc	1380
acatagactg	aaactcccct	ggccccagcc	ctctcctgcc	tggcctggcc	tgggacacct	1440
cctctctgcc	aggaggcaat	aaaagccagc	gccgggaaaa	aaaaaa		1486

<210> 8535

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (60)...(437)

<223> similar to gi510541 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8535

tccccgggggc	cccacgcgtc	cgtttggaaa	cccacccaga	acctttaccc	tctgacacca	60
tggtcagctc	ctggttggtg	tccgtctgct	ctgaccaggg	ctgtggcctg	gagacctgct	120
gccgccccag	ctgctgtcag	accacctgct	gcaggaccac	ctgctgccgc	cccagctgct	180
gtgtgtccag	ctgctgcaga	ccccagtgtc	gccagtctgt	gtgctgccag	cccacctgct	240
gccgtcccag	ctgctgtccc	agctgctgtc	agaccacctg	ctgcaggacc	acctgctgcc	300
gcctagctg	ctgtgtatcc	agctgctgca	gaccccagtg	ctgccagtct	gtgtgctgcc	360
agcccacttg	ctgccgtccc	agctgcagca	tctccagctg	ctgtcgcccc	agctgctgtg	420
tgtccagggtg	ctgcagggtcc	cagcgctgc				449

<210> 8536  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (18)...(217)  
 <223> similar to gi512031 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8536
ctccaccctc tgcagccatg gtcagctcct gctgtggctc tgtctgctct gaccagagct      60
gtggtcaagg tctcgccag gagagctgct gccgccccag ctgctgccag accacctgct      120
gcaggaccac ctgctgccgc ccagctgct gcatttccag ttgctgcagg ctttctgct      180
gtatctccag ctgctgcaaa ccagctgct gctgaccac ctgctgcagg accacctgct      240
gccgccccag ctgctgcatt tccagttgct gcaggccttc ctgctgtatc tccagctgct      300
gcaaaccag ctgctgcagg accacctgct gccgccccag ctgctgcatt tccagttgct      360
gcaggccttc ctgctgtatc tccagctgct gcaaaccag ctgctgcag      409
  
```

<210> 8537  
 <211> 1918  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (115)...(1436)  
 <223> similar to gi3294180 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8537
aagggatagg agggctcaaa gccggcacac atctgagtcc tcatggacgg gaggatgatg      60
agaagcatga ggctgagaga ggaggagtca cccggaccca gccacacagc gtcctgcctc      120
tgcggtctctg cccctgcat cctgtgcagc tgctgccccg ccagccgcaa ctccaccgtg      180
agccgcctca tcttcacgtt cttectcttc ctgggggtgc tgggtgccat cattatgctg      240
agcccgggcg tggagagtca gctctacaag ctgcctggg tgtgtgagga gggggccggg      300
atccccaccg tctgacagg ccacatcgac tgtggctccc tgcttggtta ccgcgctgtc      360
taccgcatgt gcttcgccac ggcggccttc ttcttctttt tcaccctgct catgctctgc      420
gtgagcagca gccgggaccc ccgggctgcc atccagaatg ggttttggtt ctttaagtgc      480
ctgatcctgg tgggcctcac cgtgggtgcc ttctacattc ctgacggctc cttcaccaac      540
atctggttct acttcggcgt cgtgggtccc ttctcttca tctcatcca gctggtgctg      600
ctcatcgact ttgcgcactc ctggaaccag cgggtggctgg gcaaggccga ggagtgcgat      660
tcccgctgct ggtacgcagg cctcttcttc ttactctcc tcttctactt gctgtcgatc      720
gcggccgtgg cgctgatgtt catgtactac actgagcca gcggctgcca cgagggcaag      780
gtcttcatca gcctcaacct caccttctgt gtctgcgtgt ccatcgctgc tgtcctgccc      840
  
```

aaggtccagg	acgcccagcc	caactcgggt	ctgctgcagg	cctcgggtcat	caccctctac	900
accatgtttg	tcacctgggtc	agccctatcc	agtatccctg	aacagaaatg	caacccccat	960
ttgccaaccc	agctgggcaa	cgagacagtt	gtggcaggcc	ccgagggcta	tgagaccag	1020
tgttgggatg	ccccgagcat	tgtgggcctc	atcatcttcc	tcctgtgcac	cctcttcac	1080
agtctgcgct	cctcagacca	ccggcagggtg	aacagcctga	tgcagaccga	ggagtgccca	1140
cctatgctag	acgccacaca	gcagcagcag	cagcagggtg	cagcctgtga	gggccgggccc	1200
tttgacaacg	agcaggacgg	cgtcacctac	agctactcct	tcttccactt	ctgcctgggtg	1260
ctggcctcac	tgcacgtcat	gatgacgctc	accaactgggt	acaagcccgg	tgagaccgg	1320
aagatgatca	gcacgtggac	cgccgtgtgg	gtgaagatct	gtgccagctg	ggcagggctg	1380
ctcctctacc	tgtggaccct	ggtagcccca	ctcctcctgc	gcaaccgcga	cttcagctga	1440
ggcagcctca	cagcctgcc	tctggtgcct	cctgccacct	ggtgcctctc	ggctcagtga	1500
cagccaacct	gccccctccc	cacaccaatc	agccaggctg	agccccacc	cctgccccag	1560
ctccaggacc	tgccccctgag	ccgggccttc	tagtcgtagt	gccttcaggg	tccgaggagc	1620
atcaggctcc	tgcagagccc	catccccccg	ccacacccac	acggtggagc	tgctctctcc	1680
ttccccctct	ccctgttgcc	catactcagc	atctcggatg	aaagggctcc	cttgtcctca	1740
ggctccacgg	gagcggggct	gctggagaga	gcggggaact	cccaccacag	tggggcatcc	1800
ggcactgaag	ccctggtgtt	cctggtcacg	tccccaggg	gacctgccc	gcttcctgga	1860
cttcgtgcct	tactgagtct	ctaagacttt	ttctaataaa	caagccagtg	cgtgtacc	1918

<210> 8538

<211> 2466

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (89)...(1613)

<223> similar to gil903218 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8538

atcagagaga	gcagaaggat	cctgagcctc	gcaactctgcc	gcccgcacca	ccttccgctg	60
cctctcagac	tctgctcagc	ctcacacgat	gtcgtgccgc	tcctacagga	tcagctcagg	120
atgcgggggtc	accaggaact	tcagctcctg	ctcagctgtg	gccccaaaa	ctggcaaccg	180
ctgctgcac	agcgccgccc	cctaccgagg	ggtgtcctgc	taccgagggc	tgacgggctt	240
cggcagccgc	agcctctgca	acctgggctc	ctgcgggccc	cggatagctg	taggtggctt	300
ccgagccggc	tcctgcggac	gcagcttcgg	ctaccgctcc	gggggctgt	gcggaccag	360
ccccccatgc	atcactaccg	tgtcgggtcaa	cgagagcctc	ctcacgcccc	tcaacctgga	420
gatcgacccc	aacgcacagt	gcgtgaagca	ggaggagaag	gagcagatca	agtcctcaa	480
cagcagggttc	gcggccttca	tcgacaagg	gcgcttcctg	gagcagcaga	acaagctgct	540
ggagaccaag	tggcagttct	accagaacca	gcgctgctgc	gagagcaacc	tggagccact	600
gttcagtggc	tacatcgaga	ctctgcggcg	ggaggccgag	tgcgtggagg	ccgacagcgg	660
gaggctggcc	tcagagctca	accatgtgca	ggagggtgctg	gagggctaca	agaagaagta	720
tgaagaggag	gtggccctga	gagccacagc	agagaatgag	tttgcgttc	taaagaagga	780
cgtggactgt	gcctacctgc	ggaaatcaga	cctggaggcc	aatgtggagg	ccctggtgga	840
ggagtctagc	ttcctgaggc	gcctctatga	agaggagatc	cgcgttctcc	aagcccacat	900
ctcagacacc	tcgggtcatag	tcaagatgga	caacagccga	gacctgaaca	tggactgcat	960
catcgctgag	atcaaggctc	agtatgacga	tggtgccagc	cgcagccggg	ccgaggctga	1020
gtcctgggtac	cgtagcaagt	gtgaggagat	gaaggccacg	gtgatcaggc	atggggagac	1080
cctgcgcccgc	accaaggagg	agatcaacga	gctgaaccgc	atgatccaga	ggctgacggc	1140

cgagattgag	aatgccaagt	gccagcgtgc	caagctggag	gctgctgtgg	ctgaggcaga	1200
gcagcagggg	gaggcgcccc	tcagcgatgc	ccgctgcaag	ctggctgagc	tggagggcgc	1260
cctgcagaag	gccaagcagg	acatggcctg	cctgctcaag	gagtaccagg	aggtgatgaa	1320
ctccaagctg	ggcctggaca	tcgagatcgc	cacctacagg	cgctgtctgg	agggcgagga	1380
acacaggctg	tgtgaagggt	tgggctctgt	gaatgtctgt	gtcagcagct	cccgtgggtg	1440
agtctcctgt	gggggcctct	cctacagcac	caccccgagg	cgccagatca	cttctggccc	1500
ctcagccata	ggcggcagca	tcacgggtgt	ggccccctgac	tcctgtgccc	cctgccagcc	1560
tcgttcctcc	agcttcagct	gcgggagtag	ccggctcggtc	cgctttgcct	agtagagtca	1620
tggagccagg	gcttcctgcc	aagcacctgc	ctgcctgcat	cactgcactg	aatggcatgt	1680
gaatggaaaa	tgtgtgcttg	cttcacagaat	cttctggatg	ttcctacaga	ggggaagacc	1740
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ttagctccaa	aataacctgta	tccaatttgt	attattcccc	cagctctcag	ggataagacc	1920
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accatccagc	caggccacccc	acaacccgag	aatcagggag	aaagtccctc	cccagcagcc	2040
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atgttttctg	tctctctcag	actgccttcc	tgcttctggg	ctaacctgtt	ccagccaggc	2160
tcctcatgtg	acctcgagct	tgagaagccc	attatcgtag	ggcatccttt	tgcttacagc	2220
ccctgggttag	ggcactttgg	acaggtcttg	ctattcagtg	aacctttgta	catttcaaag	2280
aagactccat	ggctgctcca	gatgccccct	tgctgggtgc	aggtggggac	tgtccaatgc	2340
agagctggcg	ggacagagag	ttaagccact	tcctgggtct	ccttcttatg	actgtctatg	2400
ggtgcattgc	cttctgggtt	gtctcgatct	gtgtttcaat	aaatgcccgt	gcaatgcaaa	2460
aaaaaa						2466

<210> 8539

<211> 1810

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (177)...(1456)

<223> similar to gil668744 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8539

cagtcgtacc	ggttcggatt	tagcggaccg	acccacgcgt	ccgctggcct	cagagacctt	60
tcaattgcat	ctgagttgca	ggggccatgg	cttccaaatg	cctcaaggcc	ggcttctctt	120
ctgggtctct	caagagccca	ggagggggcca	gtggggggtc	cactcgtgtg	tccgcaatgt	180
actccagcag	cccttgcaag	cttccaagtc	tctccccgtg	ggccagaagt	ttctctgcct	240
gctcagtggg	tctgggcaga	agcagctaca	gggccaccag	ctgcctccct	gctctctgcc	300
tccttctgtg	aggcttcgct	accagctaca	gtggggggtg	gggctgggtt	ggggagggca	360
tcctcactgg	caatgagaag	gagaccatgc	aatccctgaa	cgaccgcctg	gccggctacc	420
tggagaaggt	gcgtcagctg	gagcaggaga	acgccagcct	ggagagccgc	atccgtgagt	480
ggtgtgagca	gcaggtcccc	tacatgtgcc	ctgactacca	gtcctacttc	cggaccatcg	540
aggagctcca	gaagaagact	ctatgcagca	aggctgagaa	tgccaggctg	gtgggtggaga	600
ttgacaatgc	caaattggct	gcagatgact	tcaggaccaa	gtatgagacg	gaggtgtccc	660
tgcggcagct	ggtggagtca	gacatcaacg	gcctgcgcag	gatcctggat	gacctgaccc	720
tgtgcaagtc	tgacctggag	gcccggtggg	agtccttgaa	ggaggagctg	ctctgcctga	780
agaagaacca	tgaggaggaa	gtgaactcac	tgcgctgcc	acttgggtgac	cgctcaatg	840

ttgaggtgga	tgctgcccc	cctgttgacc	tgaaccgagt	tctggaggag	atgaggtgcc	900
agtatgaaac	cctggtggag	aataaccgcc	gggatgctga	agactgggtg	gacaccagag	960
gtgaggagct	gaaccagcag	gtggtgtcca	gctcagagca	gttgacgtcc	tgccaggcag	1020
agatcatcga	gctgagacgc	acggtcaacg	ccctggagat	tgagctgcag	gcccagcaca	1080
gcatgagaga	tgctttggaa	tccaccctgg	cagagacgga	ggcccgcgtat	agctcccagc	1140
tggcccagat	gcagtgcag	atcaccaacg	tggaggccca	gctggccgag	atccgggctg	1200
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catgtgcacc	tgactactca	ccctccaagt	catgccttcc	ctgtcttctt	gcggcctcct	1380
gcggtcctag	tgacgcccgc	acaaactgca	gcgcccgcgc	catttggtgtg	ccctgcccag	1440
ggggtcggtt	ctgagagcgg	gtgaccagga	tggccatggc	tattgtctcc	agggcttgaa	1500
cttggcctct	acccaaactt	aacccttgta	gcccataccc	ctctcttcgc	gcagagccca	1560
ggcccagggt	ctggctgaaa	aggctttctg	caaatacatg	ccctaaagtt	tctcagagcc	1620
tgtcacaaaag	gccggctgcc	cccaaaggtc	tcaactcctc	atcatttcaa	tgggtgccag	1680
ggtctctgtt	ctcaggctgc	ctcctgggtc	aggtttctct	tctaggtgct	gttccgggtg	1740
attctgaaat	gcagtagagg	gcttttggtg	gcagaacaat	aaagtgcatt	tgctcaggcc	1800
aaaaaaaaaa						1810

<210> 8540

<211> 2317

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (404)...(1227)

<223> similar to gi4008445 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8540						
gtcctgctca	gtcgtcagg	cccggccaat	ccggagggcg	ctcggcgcgt	ggctcgggggc	60
caggagcgcg	tctggcctgc	agtgcgcaga	ggacgcggcg	ggagcatgtt	ccggctcctg	120
agctggagcc	tgggcccagg	cttctctcgg	gccgcggggc	ggcgggtgcc	gggctgctcc	180
gcgcgcctgc	tcccggggct	ggcaggagg	ttcggggccc	gaggtgcagg	tgccgccatc	240
ccgagtcgcg	ccgcacggcc	ggggcccagg	cctgctgccc	ctgctggcag	cgctcgcctg	300
gttctcgagg	cccgtgcgg	cagaggagga	ggagcagcag	ggagccgacg	gggccgctgc	360
cgaggacggg	gcggacgagg	ccgaggcaga	gatcatccag	ctgctgaagc	gagccaagtt	420
gagcattatg	aaagatgagc	cagaagaggc	tgagttaatt	ttgcatgacg	ctcttcgtct	480
cgcctatcag	actgataaca	agaaggccat	cacttacact	tatgatttga	tggccaactt	540
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cctccttgga	gggggcatga	agcaggagga	caatgcaata	attgaaattt	ccctaaagct	660
ggccagtatc	tatgctgcgc	agaacagaca	ggaatttgct	gttgctggct	atgaattctg	720
catttcaact	ctagaggaaa	aaattgaaag	agaaaaggaa	ttagcagaag	acattatgtc	780
agtggaagag	aaagccaata	cccacctcct	cttgggcatg	tgcttagacg	cctgtgctcg	840
ctaccttctg	ttctccaagc	agccgtcaca	ggcacaagg	atgtatgaaa	aagctctgca	900
gatttctgaa	gaaatacaag	gagaaagaca	cccacagacc	attgtgctga	tgagtgcact	960
ggctactacc	ctggatgcac	agggccgctt	tgatgaggcc	tatatttata	tgcaaagggc	1020
atcagatctg	gcaagacaga	taaatcatcc	tgagctacac	atgggtactca	gtaatctagc	1080
tgcagttttg	atgcacagag	aacgatatac	acaagcaaaa	gagatctacc	aggaagcact	1140
gaagcaagca	aagctgaaaa	aagatgaaat	ttctgtacaa	cacatcaggg	aagagttggc	1200

tgagctgtca	aagaaaagta	gacctttgac	aaattctgtc	aagctctaaa	tccatTTTTg	1260
tgtagggaga	ataatgtcta	gtaatgtgga	agaatagcta	tcattcctgt	ctctgtggca	1320
cccgatcaat	ggcttaaata	tgtcgttttt	gatattcagg	tttctcfaat	ttagccttag	1380
tgaaggaggg	gttgtacaca	ctgccatttt	tgtattttta	aggaaaaatg	actttcattc	1440
ccaactgatt	atgacctttc	aggatgtcgt	caagtgatgc	tttcagttgt	aacacgtgac	1500
ttggtgctgt	ccctgctggg	ctaagtagaa	ctgtagattc	atatgggctg	gtgttcctgt	1560
gcgctgtggg	tgtggtgatt	cagcctggca	tttctacat	aagtttttgg	tctgctgatt	1620
tgtctgccctg	tcttctctta	ctttacttta	tcaatacctg	gcaaactgac	cataattacc	1680
ttcctcatgg	caaaggggga	ttatggtgaa	ttgttgaata	ttatagtctg	tttcatgaag	1740
cacaagtggg	atttaataca	taaaagagaa	aaatatctta	gtttgctacc	agcattccag	1800
catgaagtgt	taaagtgggg	attaggcacg	tgacagtata	gcaccatttt	gaattttaa	1860
aaaacgtgaa	ccatatttat	ctgggtatat	aaaactaaaa	atgggggtgt	ttatataaaa	1920
ctaaaaacta	agaatgatgt	aaccttttgt	ctgtgttata	tgaacactct	acttcctttg	1980
cagccttagt	cacacaactg	agtcactctc	agtactcttt	aaggacacac	agcccaggct	2040
gttctgagtc	agaataggcc	cctacaggta	tattttaaaa	ctcttcgtaa	ttctaattgt	2100
tactgctggg	atagctgaac	tactgacctg	gatcttagtc	ctagcctttt	tgcttttgca	2160
atttcagtat	cttcatctct	aaactaggga	aacactggga	ttctttctta	gctgtggggg	2220
aaagtatttg	gttagatgac	tttgaatgaa	tagactgctg	tgctgaaaga	gctttatcac	2280
actgtctcaa	agtatgtaaa	gatacatagg	tggatgc			2317

<210> 8541

<211> 2286

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1958)...(950)

<223> similar to gi532128 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8541

ttttttttct	tatttctaca	tatgataaat	tttgggtatt	tgtttcaaaa	attagcaata	60
ctagtgacta	tttaataatc	aaaaacataa	agcatctcta	gaagtaaaa	gaaatTTTTg	120
gttagaaaca	atttgatact	ataaaaattt	taaaactgaa	aatagtaacg	accatattta	180
gcatttgaaa	acattattta	atacagattt	tggtaacatt	aactaatact	tattccaaga	240
ttatatggta	aatatttata	tttatactgc	cagactacat	agagaaaacg	ggattttaatt	300
ctaagttata	ttaccccaaa	aagaaatact	ttctaataat	gaattcaaca	agatgtacca	360
ccaacagaga	cagtgaatgt	atttcacctt	cctaaacagc	ctatttttat	atgaaaatcc	420
taaattatct	acatcagtca	atgactggca	tttcaagagt	aatgatttca	ttttacttac	480
aatgcatcaa	gataaaaagg	ttacactgaa	caactagaat	gtttactgaa	attaatctta	540
ttaaagtaaa	acttaaaaaa	cttattttgg	acatttttcat	tgcttacact	caacgaacgt	600
gaaacagaga	aaaacagtca	cagaatcgtg	ctaagtttat	aataaataat	tcacatacaa	660
catagggttaa	attatcaaag	aaattaaact	gacatcttta	taccttttgc	agattttaaca	720
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acaacagaat	tttaactaat	attggctttt	tgggattttct	taagaaaaga	ttcacaagca	900
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acctcaggct	tcatttttaa	gtactgggta	aaacgaacaa	ttgcataccc	aaggaaatca	1020
aactcaatag	tggagtattt	ggcttgaatc	aaagcccaca	atccccaaaa	gaaatgagaa	1080

gccaatgcaa	actgattgac	ttgaatgaag	agtattttcta	cctccttttc	agtaacttca	1140
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cggccg						2286

<210> 8542  
 <211> 1488  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1430)...(857)  
 <223> similar to gi2088854 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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aactccccca	tgattcgagc	cagctcctcg	ctccgttget	ggctcctggg	ggcttgtatg	480
ttgataactt	cataggataa	ctcttctggc	ctggtttagcg	ctgcttgctc	ctcttcttca	540
tcgggtggtaa	agagattcaa	ccggaatccg	ggctcagggc	cactgggttt	cttaatctcc	600
atccctccca	tcagcctggc	caagaaattc	agctcttctt	tagcaagagg	gtttggagca	660
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ggctgattca	cgctgtacat	gttagttccc	agtttcagga	ctcggctctc	ataaaattca	780
aaagaacctt	ctttgggtgc	agggacatag	tttcccccat	gcttgaattc	tatcctcttc	840
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aacatggata	ctcggatgtg	cagggtcttg	aagaagatga	ggagtgtctg	ccggatcagc	



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aaagtgacca	gcagcacatc	cttgggtcgg	ggacacagca	atacttgata	tttgaaagcc	1140
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tgagccaggc	gctcatagac	agtcctcagg	gccttcttgg	agtagagctc	ttgaggcttg	1260
aataattcct	ccataaacct	tctattgaac	atggtggaga	tgatgtcatt	cagaactttg	1320
cgggccttgt	ctccccggat	gttctgggcc	cgcagccggt	ggtcgaggat	gtaaagcatc	1380
tccccgccca	agttcaagaa	gagcagcggg	agcgtccgca	ccgacatggg	gctggaaacg	1440
agctggactg	gtgaagagcc	ccgggggttcg	gtagccagtg	gcctgaag		1488

<210> 8543

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1105)...(278)

<223> similar to gi386792 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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gctaagtcca	ggtgtttgta	ttcgggctag	aaaaggcaat	gtcccaagtc	tctgctgcct	240
gtcacagtcc	ttcagccagg	gctggacctc	aacctgagg	agtcacactg	agttccagtg	300
accaccgtgg	tgggtggccat	gccactcatg	gttgctatgg	ccggaaggcc	tggggcagcc	360
tccctccaagc	cgctcgcacc	ccgtaggtgc	ccatccgctg	ctggcgcaag	tgctggccga	420
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ctatgatgac	catctggctg	tccgacacag	gctcatagat	ctccaacatc	ttcggggctg	540
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agttgcggtg	gccatcctct	ctgtcagccg	tgctgttgaa	tgtggctgtg	gcctcctgcg	660
gagcaggggc	tgccttcccc	aaggtctcat	agtgcagagt	ctcattgcca	cggaaacagga	720
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gaatcttatc	tagagaggtc	tccagaccac	ccacttcagg	ctgggttacag	gtggtgctgc	1020
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cgaatacctt	ctcatccgat	cctggacagc	agatcagggg	gaagagggcc	acagtcaggg	1140
tctgttaacc	gaaagaggac	atctctggca	gtctccacgg	gctcgcaggg	accagccaag	1200
ggctgcctgg	agggagatgg	tgggcgcagg	tctgagctat	ggcccagaat	ccctagcctt	1260
ctgcaaactg	atgactgcat	ttcctctcat	tatctgagag	atctttggga	agccacgtgc	1320
accagctcgt	tctaggacct	caggcctcta	agaatccagg	cagaggaagc	tgggaagctg	1349
ctgataagca	gggcataacc	cagtcctcc				

<210> 8544  
 <211> 6529  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(6530)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (6528)...(4646)  
 <223> similar to gi3930527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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ctaaaaatga ctctacatgt caaactcaaa tagaaaatgt catgcaatat ataaatcact      180
aatggacctc tgggtgcagtc agcaagttta ctatgtttat taaagtcaca taaatggttt      240
gacaaaagtg cacaatagaa tgacatcacc ggtttgttat aaatcacagt gaattactag      300
aatacaacag tgtagttcct ctgcacggag gattgcagga tggggtgaaa aggacagggg      360
cttttccatc gattaggcca gtcagatttt actccccaac tgtgtacctt tgaaaagact      420
gtgaggaaaag ctgagtttct ttctcatctt tttctcctct accagttact aagcaacaac      480
aacaaaaagc catgcacaaa ttttacaacg cctgataaaa aatagataca aaatcttggt      540
catttcatca tttggcaagc ttgcatcttc gctccttcac ttttttgatt aggccattca      600
tcacatgact cacccttgga attaaaggct ngtaaataat ttaggcaata cttaccctta      660
tacacacatc aggatacact ccccataacc atcaagtcac tgtctcttcc cctacacatt      720
aacacaaagg tacacaccac aaacctagag accacattta ctttacagtt ttaaaaaatta      780
atatatctcc actatcaata gtgtagtatt tatttcagat cccttatttg ggggagggga      840
tgctgtataa cccagcccat ctaaagattt gggcaagtct gccagaaata cataagaaaag      900
ccctgcaatg tgataaacac ataggagttt tctactttca agagatgaca tccagaacaa      960
agctatgcat tttcagagta ggaatggaca cacagcttaa aacctctgga ctaaaaatat      1020
ttcatagcac aaaaggcaga gttttgtttt ctttaacccc tttttaatgt tatatagtca      1080
gtgagaaaaa cagaatagtc atgtgtgcat caacacatct aatttgaaaa ggaacattta      1140
agattcttac agaaaatcta tcataaaaaa caagtccttt atactttcat tcatttactc      1200
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tggtcttatt cataaagtag ctgcctcaac tatagtgaat actcttaaca ggggtgttgct      1380
cacttgaaat tttaattttc aaaacatttg tcaaacagag ttggtattta gaaagctgct      1440
gcccccaaat catattttac ttcaaacaat gttatcatac ctaagttctc acaattacca      1500
attattagtc cactattagt ataatgaaat aaaacccttc tcagaaacaa gcagaccaa      1560
gcttacagat ggtctgcttt ggggtttggt ttatttataa tccccacagc aaagaacctt      1620
aacgtgattg ggctgtgggc tactagagca accaggggtg actgaaaaag ctatgttttc      1680
agtgtcagtt ctaatgtaaa aatgttcccc ttctttatca atcgagggga tgggtttgcc      1740
gccatttctt tgagttaaat agttaacttc atagtccaat tttgccaaact ctatcaagt      1800
cataaaaccc acttaagttt ctcatgattt gcgaatgaaa acatccacct gggcctccct      1860
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ctaaacatat tttcaacaaa ttctacaaa aacattttta aaaaacaggc atgtagatca      2160
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accctgtcag	catttcaatc	aacagtttta	ctttcttcag	cattgtcttc	ccttctcaaa	2400
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<210> 8545

<211> 1200

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (892)...(265)

<223> similar to gi3249005 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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tttaattgcaa	taggggtccca	ggattcaaac	aaggaaat	gattccagag	ttggcattat	180
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ctcctttttc	aggcgggcaa	tttcattgtc	cttttgttca	atttctttat	gaagtttctc	540
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cacgtagcta	tggtgcagc	acctcgcaaa	agccacacgc	tcacctacgc	tgatccccac	1140
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<210> 8546  
 <211> 906  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (119)...(761)  
 <223> similar to gi409733 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gagggccagg acaggccagg ggggccttga ggcccctggt gagccaggcc ccaacctcag      180
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aacagctgca tcgcagagca gggccctggg ccctggagcc cctggaggaa gcagccggtc      300
cagcctgagg agccgggtgg gcaggttcct gctccagcgc ggctcctgga ctggccccgg      360
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gaccagctc accgttttaa gtcagcccaa ggccaccccc tcggtcactc tgttcccgcc      480
gtcctctgag gagctccaag ccaacaaggc tacactggtg tgtctcatga atgacttcta      540
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gatgaccacg ccctccaaac agagcaacag caagtacatg gccagcagct acctgagcct      660
gacgcccagc cagtggaggt cccgcagaag ctacagctgc caggtcatgc atgaagggag      720
cactgcagag aagacgggtg cccctgcaga atgttcatag gttcccagcc ccgacccac      780
ccaaaggggc ctggagctgc aggatccag gggaagggtc tctctctgca tccaagcca      840
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aaaaaa

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<210> 8547  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> similar to gi3668410 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 8548  
 <211> 2269  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (472)...(1202)  
 <223> similar to gi5630087 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 8549  
 <211> 2836  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (57)...(2428)  
 <223> similar to gil79004 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 8550

<211> 2565

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (242)...(1520)

<223> similar to gi32452 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 8551

<211> 5002

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (800)...(5004)

<223> similar to gi961452 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8551

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<210> 8552  
 <211> 1707  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (38)...(1520)  
 <223> similar to gil80260 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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agatggcttc	ctgctgctgc	agatggactt	tggcttcctt	gagcacctgc	tgggtggattt	1500
cctccagagc	ttgagctaga	agtctccaag	gaggctcgga	tggggcttgt	agcagaaggc	1560
aagcaccagg	ctcacagctg	gaaccctggt	gtctcctcca	gcgtgggtgga	agttgggtta	1620
ggagtacgga	gatggagatt	ggctcccaac	tcctccctat	cctaaaggcc	cactggcatt	1680
aaagtgtctg	atccaagaaa	aaaaaaaa				1707

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<210> 8553
<211> 4389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (88)...(1714)
<223> similar to gi3851711 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8553						
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ttacacgcc	agcccaatgg	actgacctt	caatacggga	ctgctggatt	tcgaacgaag	180
gcagaacatc	ttgatcatgt	catgtttcgc	atgggattat	tagctgtcct	gaggtcaaaa	240
cagacaaaat	ccactatagg	agtcagtgta	acacgcgtcc	acaatcctga	ggaagacaat	300
ggtgtaaaaat	tggttgatcc	tttgggtgaa	atgttggcac	catcctggga	ggaacatgcc	360
acctgttttag	caaattgctga	ggaacaagat	atgcagagag	tgcttattga	catcagcgag	420
aaagaagctg	tgaatctgca	acaagatgcc	tttgtagtta	ttggtagaga	taccaggccc	480
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ggtggccgat	atggaaaggc	aactatagaa	ggttactacc	agaaactctc	taaggctttt	660
gtggaactca	ccaaacaggc	ttcttgca	ggagatgaat	acagatcact	taaggttgac	720
tgtgcaaata	gcataggggc	cctgaagcta	agggaaatgg	aacactactt	ctcacagggc	780
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gtacagtttt	atgtggggaa	caattcatgc	aggctactgg	aaaattaaat	cttattacca	2040
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ctacagaaaa	aaggaacaaa	gtgctttata	catttcataa	tatatcccct	tttattataa	3540
ttagtttaatt	cccttttatc	taaatggcct	aaatttgcca	tgatggtagc	agtgtccaaa	3600
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agaaggatg	tgaaaactct	gtcaactaaa	tataaagact	aataatttgg	gtattaagag	3900
gctagtttga	gaagccacct	gaattacaca	aacacagcta	cagacatcat	tctgtgtaga	3960
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aaatcctgaa	aaaggaaaat	attaggttgg	tgcaaacgta	attgcgggtt	ttgcattgtt	4320
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aaaaaaaaa						4389

```

<210> 8554
<211> 3230
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (183)...(2420)

```

<223> similar to gil88658 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 8554
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tggcaagggg ataagagagc agtgagcccc tccctcaagg aggtctggct ttatccatag      120
acagggccct ctgaggtggg gctgaggtac aaagggggat tgagcagccc aggagaagag      180
agatgggggt tcccttcttc tcttctctca gatgcatggg ggacttagga ccttgctggg      240
ctgggggtct cactgcagag atgaagctgc ttctggccct agcagggctc ctggccattc      300
tggccacgcc ccagccctct gaaggtgctg ctccagctgt cctgggggag gtggacacct      360
cgttggtgct gagctccatg gaggaggcca agcagctggg ggacaaggcc tacaaggagc      420
ggcgggaaag catcaagcag cggcttcgca gcggctcagc cagcccatg gaactcctat      480
cctacttcaa gcagccgggtg gcagccacca ggacggcggg gtgggcccgt gactacctgc      540
acgtggctct agacctgctg gagaggaagc tgcggtcctt gtggcgaagg ccattcaatg      600
tactgatgtg gctgacgccc gccagctga atgtgtgtgc caagtcaagc ggctgcgcct      660
accaggacgt gggggtgact tgcccggagc aggacaaata ccgcaccatc accgggatgt      720
gcaacaacag acgcagcccc acgctggggg cctccaaccg tgcctttgtg cgctggctgc      780
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acccccgcat caagaaccaa gccgactgca tcccgcttct ccgctcctgc ccgcttgca      1140
ccgggagcaa catcaccatc cgcaaccaga tcaacgcgct cacttccttc gtggacgcca      1200
gcatggtgta cggcagcgag gagcccctgg ccaggaacct gcgcaacatg tccaaccagc      1260
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acaacctgca cgatgacccc tgtctcctca ccaaccgctc agcgcgcac cctgcttcc      1380
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tcgacatctg gatgggcggc gtgtccgagc ctctgaagcg caaaggccgc gtgggcccac      2160
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cccggatcat ctgcgacaac acaggcatca ccaccgtgtc taagaacaac atcttcatgt      2340
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gctggccagt tggaaaccag gagatctcct tgccttagat gagcccagcc ctgttctggg      2520
tgcagctgag aaaatgagtg actagacgtt catttgtgtg ctcatgtatg tgcgaagtat      2580
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gcagcagagc ggactggtga ggagcacagc tcaggaaacta gactgcctgg gttccaatcc      2760
tggctctggg gcttgctagc tatgtgacct tgagcaaat accctcctta aacaagagtt      2820
ttcttccttg taaattacat ctgtcatggg ttcttgagg gcccacttgt atcctctggt      2880
tcttcattta ttgagcacct actacatgca aggcactgta ctaggcgtga gaagcatata      2940
gaggcaagaa agagatacca agatgccatc tgtgtcctgg ttagcagagc tggaccagtg      3000

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gtgccttggga	gggataagcc	agctgcagct	gggctgtgtg	gttgacttat	gggcccagcc	3060
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tgaagttctc	ctgaagagga	actgggcctg	ttgccctttc	tgtaccattt	atttgctccc	3180
aatgtttatg	ataataaagg	caccgctgat	ggggacctcc	aaaaaaaaaa		3230

<210> 8555  
 <211> 2987  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2988)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (87)...(1907)  
 <223> similar to gi2706518 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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ccaggccag	gttagatctg	caatttctcc	agcggttcct	gcagatactg	aagggtttgt	180
ttccttcttg	gtcatcacia	aatgccttga	tgttcttgac	ccttttgtgc	ctgaccctac	240
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gaaacaaaga	cttgaagagg	tttaagactc	tgacattcct	ggctgtcatg	ctcattgttc	360
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ccattttcag	cgggggtctat	ggagacctga	gtcccgcaga	gcttagcacc	ctggtcagca	1020
agaatgcctt	tgtgtgcac	tacctcatca	gctgcttcac	ccagctcatc	gacctgtcca	1080
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ggaacaacaa	cagcaaatta	gacaaaaccc	cagaaagcac	aaagcatgag	gtggagttac	2760
tgtgcccaaa	gtcctcactc	agaccagtgc	ccctaccagt	tcagttgtct	atgtattacc	2820
ttccttacct	tcataatggt	tgccaggctt	ctgtacttct	agtacttgag	ttacttaata	2880
tttttaaaaa	caaacctttt	aagtttaaat	ggatttttaa	gtgaaatttt	acacttaaca	2940
tagatggaaa	gtaactaaaa	ataaatacaa	gaaaaacaaa	aaaaaaa		2987

<210> 8556

<211> 2562

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2454)...(1737)

<223> similar to gil006665 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gttaatatat	taaaaataaa	atatacacag	taaaacaaca	ggcatccaga	tgttcagaat	180
catgcagata	ggagtgggtt	ggttgggtgt	atcactgggt	accttgecta	tttaactcgc	240
cagcaaatac	cacttcttct	gtttctcatt	cccatataat	tcatacaaat	cagagagttc	300
taaacatata	caaaaataaac	ctctttttaa	gccacatcag	taaaaaattt	caattaataa	360
ggttatcatc	aaaccaagaa	ttccactgat	catttgatca	gcccattact	aggaaacagg	420
caatatcagc	acccgatcta	aaggcaagcc	tatttcattt	attaaaacac	caacaagaga	480
gattaatcaa	caaagcaact	attaacaaca	tgtaaatctt	aatataagac	actgagagaa	540
aagtaaaaaat	aatacataaa	tatcactcca	ctgagccagg	atataactca	tggtactacag	600
atacatgagt	ttcctacctg	tcaaacaatg	cttttaaaaa	atttttttag	gaaaaaaaaa	660
aaaaacacaa	tatatgagaa	gatgcaaaag	aaaggcagaa	atgtgaattt	atgcatctag	720
ttccacaatt	taaaataaat	atcaaaactga	caatataaag	ctaagtgaca	atgacttaac	780
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tcctcctcgg	gggccaggag	ctccgtctcg	tcagcaccgg	cggccggggc	cgcgccctc	2520
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<210> 8557

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (207)...(727)

<223> similar to gi5639941 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8557

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ttctaaagta	ggcattatgt	tcttaatttt	tatctgtgaa	ttaagccacc	cagctcctca	180
gctctttctc	tggtggccct	ctacttcaga	ttactttcta	tgaagacaaa	aattttcaag	240
gccgtcgcta	tgactgtgat	tgcgactgtg	cagatttcca	cacataccta	agtcgctgca	300
actccattaa	agtggaagga	ggcacctggg	ctgtttatga	aaggcccaac	tttgctgggt	360
acatgtacat	cttaccacag	ggagagtacc	ctgaatacca	gcgttggatg	ggcctcaacg	420
accgcctcag	ctcctgcaga	gctgttcac	tgcctagtgg	aggccagtat	aagattcaga	480
tctttgagaa	aggggatttt	agtggtcaga	tgtatgaaac	caccgaagat	tgcccttcca	540

tcattggagca	atttcacatg	cgagagatcc	actcctgtaa	ggtgctggag	ggtgtctgga	600
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ggaagcccat	cgattggggg	gcagcctccc	cagctgtcca	gtctttccgc	cgcattgtgg	720
agtaatgaca	tgaatggggc	catattcttc	ctggggccca	aatgctggct	ggccttgtgg	780
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c						841

<210> 8558

<211> 5493

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (527)...(2810)

<223> similar to gi37433 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8558						
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ccccggggcg	atctgtcaga	gcacctcgcg	agcgtacgtg	cctcaggaag	tgacgcacag	180
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ctcagagcgt	cgggatatcg	ggtggcggct	cgggacggag	gacgcgctag	tgtgagtgcg	300
ggctttctaga	actacaccga	ccctcgtgtc	ctcccttcac	cctgcggggc	tggctggagc	360
ggccgctccg	gtgctgtcca	gcagccatag	ggagccgcac	ggggagcggg	aaagcggtcg	420
cggccccagg	cggggcggcc	gggatggagc	ggggccgcga	gcctgtgggg	aaggggctgt	480
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<210> 8559

<211> 1652

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (93)...(557)

<223> similar to gil872487 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8559

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gtgagtgtgg	ggttggccgt	gtgctaagaa	gtgatggcaa	gacttgtgaa	gacgttgaag	180
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gaaccagcaa	gctgctgac	ccggtgacct	gcgagtttcc	acgcctgtac	accatttctg	600
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ctctgcccac	cctcaagctt	cgtgactccc	tctacttttg	cattgagccc	gtggtgcacg	780
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aattatagtt	ataccttgaa	atttcaattc	aatgcagac	taattatagg	gaatttggaa	1620
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<210> 8560  
 <211> 1521  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1522)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (213)...(1038)  
 <223> similar to gi984663 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8560
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tcgtacctta atgtgcaaaa gaatcacggt gggaactgaa aattcagaat cctgggcctc      180
actcccagag gatctgatct acatgtgttg agatgccag gaatctgctt tattctcttt      240
tgtcctccca cctgtccccc catttcggca cctcggtaac ctctgccaaa gtggctgtga      300
atggcgttca gctgcattac cagcagactg gagagggaga tcacgcagtc ctgctacttc      360
ctgggatgtt aggaagtgga gagactgatt ttggacctca gctcaagaac ctcaataaga      420
agctcttcac ggtgggtcgcc tgggatccct gaggctatgg acattccagg ccccagatc      480
gcgatttccc agcagacttt tttgaaaggg atgcaaaaga tgctgttgat ttgatgaagg      540
cgctgaagtt taagaagggt tctctgctgg ggtggagtga tgggggcata accgcactca      600
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tcccacgggt tcatgccgac ttcattcata agcacgtgaa aggtcacgg ctgcatttga      960
tgccagaagg caaacacaac ctgcatttgc gttttgcaga tgaattcaac aagtttagcag     1020
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cgggctctac aaaaaaagag tttttcaaaa ttagccaggc gaagtggcac acatctgtgg     1380
tcccaggtgc tcaggaagct gaggtgggag gatcacttga gccaattca aagctgcagt     1440
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aaaaataaaa acataaaaaa a

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<210> 8561  
 <211> 2051  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (26)...(1249)  
 <223> similar to gi558530 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8561
ctcgttccct aacattaaag agaaaatgct gctatccgtg acttccaggc ccgggatttc      60
gacttttggc tacaatagaa acaacaagaa gccatatgtg tccactggctc agcagatggc      120
accacctagc ccaagcaaca gtacacctaa cagcagtagt ggaagcaatg gaaatgacca      180
gctgagcaaa accaacctat acatccgagg attgcaacca ggcactactg accaagatct      240
tgtcaagctg tgtcagccat atggcaagat tgtttccact aaggccatac tggacaagac      300
cacaaacaaa tgtaaaggct atggctttgt agattttgac agcccttcag cagcacagaa      360
agctgtaaca gactgaagg ccagcggtgt acaggcacag atggcaaagc aacaggaaca      420
ggaccccaca aatttatata tctcaaacct cccactgtca atggatgagc aggaactgga      480
ggggatgctg aagccctttg gccagggtat ctccaccctg atccttcgag ataccactgg      540
gaccagcaga ggtgttggct ttgcaaggat ggagttcaca gagaagtgtg aagccatcat      600
caccactttt aatggaaaat atattaagac accccctgga gtaccagccc catccgatcc      660
cttgctttgc aaatttgctg atggcggggc aaagaaaacga cagaaccaag gaaaatttgt      720
gcaaaatgga cgggcttggc caaggaatgc agacatgggc gtcattggcct tgacctatga      780
ccccaccaca gctcttcaga atgggtttta cccagccccc tataacatca cccccaacag      840
gatgcttgct cagtctgcac tctcccccata cctttcctct cctgtgtctt cgtatcagag      900
agtgactcag acatctcttc tacaagtacc taaccatcc tggatgcacc accattcata      960
cctcatgcag ccttcagggt cagttctgac accagggtat gaccatccca tttctctcca     1020
gcctgcctcc atgatgggac cccttaccga gcaactgggc catctctccc tcagcagcac     1080
aggcacgtat atgccgacgg ctgcagctat gcaaggagct tacatctccc agtacacccc     1140
tgtgccttct tccagtgttt cagtcgagga gagcagcggc caacagaacc aagtggcagt     1200
ggacgcaccc tcagagcatg gggctctattc tttccagttc aacaagtaac agtgggattc     1260
ccctccccat ctttactgaa tagaaatgaa ttcttgagga tactcatgct cccagattcc     1320
agagggttaa ccaggaatgg agaccatccg tcggccctgc taaggactaa cacttagcca     1380
tcgtttttca caggcctggg cctggaaaaa gaaatctcta cgttcctgcc ctttactatt     1440
gctgatggag cctgggggaa ccatcacttt ttttgtgtgc tacattcaag gagatcaaaa     1500
aaacttttct tcttttgcaa agaaagcttt ttgtttttaa ctgcaacgta cttttccctt     1560
accttgaaga gacctgggtg tcgtagcttc tcatctatat gaaaaagttt tcgatgtatt     1620
ggaattattt gggaatgctt ttaaaacaat ttgtaattat ttctttacaa accaaaacag     1680
aacagaaagg tgtggtgctg gaacatcgat gaaggagccc tacttactga gcttagttat     1740
ggactttttt gatgcgtgtg tgtatgtgtt ttaaaaagta tgcaggctct aaaaatgtta     1800
ttttgtaaaag ctctcagctc atgcacccca tctcctcttc acccatatta tgccctcttt     1860
ctcttggtcca gattcttctt tttctctttt ctaaacagct gagcctgcct actttgccct     1920
tttacagctt ttaattttat ggatttttaa aatgaaattt catgtggaat ttggggctgg     1980
ggggctcgct ctgcaccgcc ctttttggtt tttttttaga caaactcccc cccccggat     2040
ttttagtccc g                                     2051

```

<210> 8562  
 <211> 563  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (289)...(459)



<223> similar to gil513230 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8562
cggacgcgtg gggcaatata tacactatta tatacccaca aaaaataaaa ataaaggctg      60
ggtgccatgg ctcacacctg taatcccacc acttcaggag gcctgaggtc gggagtttga      120
gaccaacctg gccaatatgg agaaaccacg tctctactga aaatacaaaa tcagctgggc      180
atggtggtac atgcctataa tcccagctac tcgggaggct gaggcaggac aatcgctga      240
acctggagg tggaggctac ggtgagccga gatcgtgctg agagcaagat gggtcaccag      300
cagctgtact ggagccaccc gcgaaaattc ggccagggtt ctgctctctg tcgtgtctgt      360
tcaaaccggc acggtctgat ccggaaatat ggctcaata tgtgccgcca gtgtttccgt      420
cagtacgcga aggatatcgg tttcattaag ttggactaaa tgctcttcct tcagaggatt      480
atccggggca tctactcaat gaaaaacccat gataattctt tgtatataaa ataaacattt      540
gaaaaaaccc ttcaaaaaaa aaa                                     563

```

```

<210> 8563
<211> 1795
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (120)...(1096)
<223> similar to gi971270 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8563
gcggacgcgt ggggaaccgg aagaagagga actgggcctg aaaggggtacc ggtgaccgct      60
actgctgccg gtgtttgctg gtggcagggg gccaggcctg gcgagcgggg tgtgtcgcga      120
tgccggagct ggcagtgcag aaggtggtgg tccaccccct ggtgctgctc agtgtggtgg      180
atcatttcaa ccgaatcggc aaggttgga accagaagcg tgttgttgt gtgcttttgg      240
ggtcatggca aaagaaagta cttgatgtat cgaacagttt tgcagtctct tttgatgaag      300
atgacaaaga cgattctgta tggtttttag accatgatta tttggaaaac atgtatggaa      360
tgtttaagaa agtcaatgcc agggaaagaa tagttggctg gtaccacaca ggcctaaac      420
tacacaagaa tgacattgcc atcaacgaac tcatgaaaag atactgtcct aattccgtat      480
tggtcatcat tgatgtgaag ccgaaggacc tagggctgcc tacagaagcg tacatttcag      540
tggaagaagt ccatgatgat ggaactccaa cctcgaaaac atttgaacac gtgaccagtg      600
aaattggagc agaggaagct gaggaagttg gagttgaaca cttgttacga gatatcaaag      660
acacgacggt gggcactctg tcccagcgga tcacaaacca ggtccatggt ttgaagggac      720
tgaactccaa gcttctggat atcaggagct acctggaaaa agtcgccaca ggcaagctgc      780
ccatcaacca ccagatcatc taccagctgc aggacgtctt caacctgctg ccagatgtca      840
gctgcagga gttcgtcaag gccttttacc tgaagaccaa tgaccagatg gtggtagtgt      900
acttggcctc tctgatccgt tccgtggctg ccctgcacaa cctcatcaac aacaagattg      960
ccaaccggga tgcagagaag aaagaagggc aggagaaaga agagagcaaa aaggatagga     1020
aagaggacaa ggagaaagat aaagataagg aaaagagtga tgtaaagaaa gaggagaaaa     1080
aggagaaaaa gtaaaacatg tattaaatag cttttttaat ttgtaaatta aaatcttaca     1140
aactaaatca gtgtgctgct agagggttct ttttcacttg acatgcttat tagaaagctg     1200

```

acccaacaag	agctctctgc	ctccgggtcac	tcttgctgtg	gtgctacgtg	gaagtgaatg	1260
gagactgac	tcaaactctga	actgcagctt	tccgctgcct	gtgaagttgg	gggatatgga	1320
tagtccagct	caggcttcca	gattgtatga	gaaaaatgaa	gagaagtcaa	ccaaatattt	1380
tgggtactct	tcattcattt	atctctagaa	ccaggagttg	aattttcctc	catcttgaaa	1440
gactcctggg	ggtctgtttc	tgggtatttt	acaaaattgc	taagtggaat	gcatgaattg	1500
cattatgttc	tttggttaaca	cggtagagtt	cagacccttc	tgaactctgt	tgataatacc	1560
acaccatgtt	ctggacccat	agctctggca	tcctcagggg	ttgtgatcca	gtcccatata	1620
ttgtttacct	tcaaagatac	aattttaaag	gctttgattt	ttaagctgtg	ttctagtcgt	1680
ttttgacttc	gggagtagtg	atctgtagtt	tccagaagca	gccaagacag	tcttcgattg	1740
gagctgcctt	aagttctctt	gcacttggtg	tcatttatga	aagagcatct	cattc	1795

<210> 8564

<211> 2618

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (70)...(870)

<223> similar to gil203982 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8564						
tcagtgcgct	ggaattccccg	cgcgagagacg	cggagctcgc	ccaccgcccg	ccccagcagt	60
ggctgcacca	tgcacgtgaa	cggcaaagtg	gcgctggtga	ccggcgcggc	tcagggcata	120
ggcagagcct	ttgcagaggc	gctgctgctt	aaggcgccca	aggtagcgct	ggtggattgg	180
aatcttgaag	caggtgtaca	gtgtaaagct	gccctggatg	agcagtttga	acctcagaag	240
actctgttca	tccagtgcga	tgtggctgac	cagcaacaac	tgagagacac	ttttagaaaa	300
gttgtagacc	actttggaag	actggacatt	ttggtcaata	atgctggagt	gaataatgag	360
aaaaactggg	aaaaaactct	gcaaattaat	ttggtttctg	ttatcagtgg	aacctatctt	420
ggtttgatt	acatgagtaa	gcaaaatgga	ggtgaaggcg	gcatcattat	caatatgtca	480
tcttttagcag	gactcatgcc	cgttgcacag	cagccggttt	attgtgcttc	aaagcatggc	540
atagttggat	tcacacgtc	agcagcgttg	gctgctaate	ttatgaacag	tggtgtgaga	600
ctgaatgcc	tttgtccagg	ctttgttaac	acagccatcc	ttgaatcaat	tgaaaaagaa	660
gaaaacatgg	gacaatatat	agaatataag	gatcatatca	aggatatgat	taaatactat	720
ggaattttgg	accaccatt	gattgccaat	ggattgataa	cactcattga	agatgatgct	780
ttaaattggtg	ctattatgaa	gatcacaact	tctaaggga	ttcattttca	agactatgat	840
acaactccat	ttcaagcaaa	aacccaatga	acagcttatg	tgtagccat	agctgaaaat	900
aagcacaat	agcttatatt	cagatcctat	cttcatttga	atatagcttt	taaatgaaat	960
gttacagttt	gaagttttcc	ttcatgcact	tggtgataaa	cgttttctaa	atttttagtt	1020
aagtatatgg	ataaaaagt	atgaactatt	aaaaatgtga	tgtggaccaa	aggctaggtt	1080
gtaattctga	tagtctaaaa	aatgatcaaa	acaaatgatt	ttcaaggaat	attcaatatt	1140
ctgcctttca	gaaagtgtat	ttatatctgt	gcttcataaa	tattaatggt	cttcagaaca	1200
tcatttttaa	ggagataact	gaattgttat	ttaaatcaaa	ccagatgtaa	aacactcaca	1260
tacaagttca	tactttaaaa	gaggaaagct	acttaacaat	gacaaatatt	tcacaataat	1320
aatttttact	tatataccat	ctttcaactg	aacatttccag	ttcttccaag	agcttcttag	1380
agtagtatat	tttgggggca	gtcaaggaat	aaactacagt	gtaaacatat	cccagatgaa	1440
aactgctgta	tggaaaaatg	acagaaagta	actgattgac	actgttgatt	cacagttcag	1500
cctcctatct	gggaaagaca	tttctttcct	ctgctcactt	taagaacttt	taccgactcc	1560
aaaaatctca	ggaattaaac	ttttaacagt	tacagcaata	aagaatagtt	agtactccaa	1620

aaatattata	tttaagatgc	tcaacaagaa	aaaaatgcaa	atgtaatat	tttttcaa	1680
tacttcttta	ttgacttgtc	caaatttcaa	aagtgcctac	ccttcaataa	aactttttta	1740
ttctgatctc	cataaattac	ttagtcttct	atgtatagct	atcaaggaaa	taaaaccaat	1800
tttgccacag	ccacaactgt	aaatgttttt	gtacccatgc	tgaaactcat	aacaacacag	1860
acataaaaaat	agctgtgagg	ttttgctttt	tttggtgtca	gctatcttaa	gaatcattaa	1920
atacacctgc	tttgggtaaa	actctttgca	agcagtaatt	aacactagta	acagtgaag	1980
cacaagattt	ccaaatcagt	cgttttctca	aaaaaatatc	cgtataagtg	acctcatcct	2040
ggtcctgcct	aactcccaga	ccctccccag	cttgaagccc	aatcttttcc	cctgtgagat	2100
tgatatggat	ttccctagaa	gtactggcaa	tggtgtcata	tcttgcccta	ttttaattct	2160
gctatagaaa	acaattgcct	tcactttcaa	ggagtaattt	gaatattaat	aactctggtc	2220
tagattttca	tataatgtat	taaagacaaa	gtagtgaaca	tcaatgaaca	tctgatagag	2280
ataaactgta	atcaggcata	agcttgtttg	tatgttcttg	cagtgactaa	tcagtaaatg	2340
atgtcgggtt	gcccagtatc	acttatcttc	tgtatttttc	ctctgtcgtg	taaatagtat	2400
aaccttttca	tttatggaca	attttttgga	ctagtgcct	tcaatataca	ttctgctttg	2460
aattaatttt	ttcaaataca	taaattatgt	agacatttaa	aatcaaatat	caagtagaat	2520
tgaaaaatgt	gagttacata	agttaaaaac	ttactttaaa	tcttaccttc	tataggtagc	2580
tctaaataaa	ttcatatggt	tatatgataa	aaaaaaaa			2618

<210> 8565

<211> 1663

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (188)...(891)

<223> similar to gi4309949 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8565

gggcgcgttg	tccgctggac	tgggtcccg	tcacgccccg	ccaagccccg	cccctcaggg	60
cggggcgca	ccggggatcc	gcagttcccg	ggccagcctg	gggcggcccg	ccaggaacca	120
cccgtaag	tgtcttctct	ttagggatgg	tgaggttgga	aaaaggctcc	tgtaaccctc	180
ctccaggatg	aaccacctgc	cagaagacat	ggagaacgct	ctcaccggga	gccagagctc	240
ccatgcttct	ctgcgcaata	tccattccat	caaccccaca	caactcatgg	ccaggattga	300
gtcctatgaa	ggaagggaaa	agaaaggcat	atctgatgtc	aggaggactt	tctgtttggt	360
tgtcaccttt	gacctcttat	tcgtaacatt	actgtggata	atagagttaa	atgtgaatgg	420
aggcattgag	aacacattag	agaaggaggt	gatgcagtat	gactactatt	cttcatattt	480
tgatatat	cttctggcag	tttttcgatt	taaagtgtta	atacttgc	atgctgtgtg	540
cagactgcgc	cattggtggg	caatagcggt	gacaacggca	gtgaccagt	cctttttact	600
agcaaaagt	atcctttcga	agcttttctc	tcaaggggct	tttggtatg	tgctgccc	660
catttcattc	atccttgctt	ggattgagac	gtggttctctg	gatttcaaag	tgttacctca	720
agaagcagaa	gaagaaaaca	gactcctgat	agttcaggat	gcttcagaga	gggcagcact	780
tatacctgg	ggtctttctg	atggtcagtt	ttattcccct	cctgaatccg	aagcaggatc	840
tgaagaagct	gaagaaaaac	aggacagtga	gaaaccactt	ttagaactat	gagtactact	900
tttgttaaat	gtgaaaaacc	ctcacagaaa	gtcatcgagg	caaaaagagg	caggcagtg	960
agtctccctg	tcgacagtaa	agttgaaatg	gtgacgtcca	ctgctggc	tattgaacag	1020
ctaataaaga	tttattttatt	gtaatacctc	acagacgttg	taccatatcc	atgcacattt	1080
agttgcctgc	ctgtggctgg	taaggtaatg	tcatgattca	tcctctcttc	agtgaagactg	1140
agcctgatgt	gttaacaaat	aggtgaagaa	agtcttgtgc	tgtattccta	atcaaaagac	1200

ttaatatatt	gaagtaacac	tttttagta	agcaagatac	ctttttat	caattcacag	1260	
aatggaattt	ttttgtttca	tgtctcagat	ttattttt	gtta	ttttttttt	aacactctac	1320
atttcccttg	ttttttaact	catgcacatg	tgctctttgt	acagttttta	aaagtgtaat	1380	
aaaatctgac	atgtcaatgt	ggctagtttt	atttttcttg	ttttgcatta	tgtgtatggc	1440	
ctgaagtgtt	ggacttgcaa	aaggggaaga	aaggaattgc	gaatacatgt	aaaatgtcac	1500	
cagacatttg	tattattttt	atcatgaaat	catgtttttc	tctgattggt	ctgaaatggt	1560	
ctaaatactc	ttattttgaa	tgcaaaaaat	gacttaaacc	attcatatca	tgtttccttt	1620	
gcgttcagcc	aatttcaatt	aaaatgaact	aaattataaa	aaa		1663	

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<210> 8566
<211> 1561
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1437)...(854)
<223> similar to gi2511529 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8566						
tttttttttt	ttgaaggatt	tggcaaagat	ttattttttt	ttccatttcc	agttttttta	60
agtagacaca	gatttgctta	gaataaaagct	gatttttaaa	gcacacaaaa	gttgaacaca	120
aaggagagga	ttaaattcac	caatgcagag	tgataaagag	gaaaagatac	tgagtaggtg	180
ccttcagcag	aaaactgatc	atccagggtg	atcaccta	aatcggagac	ttaatccctt	240
ataatgcaaa	agcaagaaga	gtttagtgtg	tgaactgtac	agctgagttt	gtagctctat	300
cttggtttct	gttgattatg	aacaattagc	atagttatat	ataatctttc	tttagtagac	360
aacctgcatc	cattttaaatt	aaataatact	ttctacaata	gtgtgatata	taaggccaca	420
atatttattt	tggacaaacc	ccttaaagta	gcgattttat	tatcaatggt	attcattctt	480
ttgaaatata	aagtacttca	gctgaattaa	ggttgcagat	aattttttaa	atacaacaca	540
catcatgact	agtatattaa	aattattttat	attcagatat	ttatatctaa	tatcaaataga	600
aaattttacta	ccaaattttc	acagtagaca	ttaatcagtc	tgacatgctt	attgatccca	660
taggtgtaat	tatagatcaa	catgatttta	gtgtctattc	ttttatttta	ctaaattagg	720
aacgcagcat	ttacagaaca	aataaacaca	agtgacgtgg	ccaccccagg	atctaacagc	780
tcttcagtga	gctatgttgc	aagctcagaa	gtaatccact	aacgaacca	gtcagactcc	840
agttcttcat	caaaagggtgc	tggtagggtg	tgtagacgc	cttccaatat	agatcccca	900
tccgatggcc	agcaaatgag	agagcagcag	agatggaagg	aaaactttca	gaaattctgc	960
agagaatatg	ccccctttct	tcatgacgct	cgtgttcttc	atgctgaggg	tggccgtgcg	1020
cttcgggtgt	ttaaagagga	actccttggg	gggaatattt	tccggccgac	ttgaccaatc	1080
ccatatccaa	tctgagtttt	tcttcaagat	gctttcaact	tctttccttc	tttcaatatc	1140
atcttctctca	gactgtgagc	tgttttttctc	tccaatgcta	tgggtatctg	tttcagaagc	1200
tctgttggtg	tctgtgtgtg	tctgtagcgc	aggtgggctg	tcacagttag	agctccttgg	1260
gctactccgt	ccagactcat	gctgtgcgtc	cagcagattt	ttttccatgt	ctccattata	1320
aatagaaacc	gaggctggaa	cgtgcctccc	gttcccatta	ttgctgaagt	gcagttctac	1380
ccaggagccc	tgcaggctct	cctcctgcat	cccgggcgct	ccgttctgcg	acatggcgcc	1440
agagggcaac	tgcggcgatc	ggagtcgcgc	ccgggctgcg	ggatgtgctt	cagctgcggg	1500
cggtagggaaa	gcggagggtcg	gagcgccgcg	gcccagctgc	gctcccgac	tgagcggagc	1560
c						1561

<210> 8567  
 <211> 3128  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1821)...(2783)  
 <223> similar to gi496898 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8567
agcggcgcgc cttttttttt ttttttcatt tcattcaaga gaattaaatc gtttattgat      60
tacacatgat aatggataca caagcttcat tcccatctat aattttatct ggtaccatta      120
ttcaatttag atatattgca taggatgtgc caacaatcac ttttataacc attccatgat      180
tttgcttggg taatcccttt taatggtgaa ctccaggtca caacagtaac tatcagttca      240
actacaccaa ggtttccgaa gacaatggct tctccacca agcaggttgt atataaatc      300
caaatagaac ctggcatcac cctgaaggaa ttctaacttc aactgttgg ggaaatttac      360
caagatggct taagagtaga ctaactttac acagcacatt aaaaaaaga catttattca      420
gcgtcacgat cagactgtta catttagcaa tcaacagcat ggggtgcaa aaaaaaaat      480
ctacattaaa accctttgtt ggaatgcttt acactttcca cagaacagaa actaaaataa      540
cctgttatac aattagtcac aaatacagtc ctcgagtttt ttgcccatac acatgagtat      600
ttgtctaaaa catgtcttct ttgtagcagc taggccttgc caccactgtg cttggctgag      660
ttcacaaatc tggtgtaacc tgtagcttcc ctgtcacttc tctggctctc ctctcctgct      720
aagctttgtt tcctaattaa aatcttctgc cactgccata gctactgctg ctgctggaac      780
cgccatagcc accttgggtt cgtgggtttg caaagtattg gcctccaccg ccataggggc      840
cagagcttct gcctccaaaa ttctctccct tcatgggtcc aaaatttgaa gactgattgt      900
tgtaattccc aaaatcattg tagcttccac cacctccaaa attgcttcca tcattacca      960
atccattata gccatcccca ctgccaccat atccaccacc caccacgggt ggcacccaaa     1020
gccaaccaag gaccaactga agtttctctc acggaccgaa gttgtccatt cccaccgaaa     1080
accacctccc acgaccacc accaaaagtt tccaagaacc acttcgaccc tctttgggc      1140
tggtgaaag cactagccat ctcttgctt tgaacagggc ttttctaaac ttcacagggt      1200
gtggcccatt cacagtatgg taattcctga aatggacaat cttatcccac ggagtccatg      1260
gtccgtccaa aggttacaaa aggcaaagcc ccttttctt ggccactggc ctccgggtcca      1320
gtcaatggat ttcaatcaac ttcaaatttt tccaataactt gttcaaaaata atctcttagg      1380
tgaatgttct ttcaggggtc ttctttaatg ccaaccaaac aaaatatctt ttttcacaag      1440
ttaatgtggg cacctgggtc ttttgagaaa tcttctctg gaagacaagc tcctctttgg      1500
gttcccacaa ctcttacca tcccaccttt gtgtggcctt tgcattcata gctgcatcca      1560
cctcctccac acgtggcata tgtgacaaac ccaaagcccc ttggagcgct tgggtggttg      1620
ggatctctca ttaccacaca ggtccgtgaa gcgtttcccc cattgcctcg aaaatggctc      1680
ctcagggctc tcatcatgtt gtttcaaagc tcaaaccctc agaatgaaga gcttctcag      1740
ctgttcgggg ctcttttagga gactctgccc gtggacgccc cgaagaagc atcgtaaag      1800
tctctcttca ccttgccgtc atgtctaagt cagagtctcc taaagagccc gaacagctga      1860
ggaagctctt cattggaggg ttgagctttg aaacaactga tgagagcctg aggagccatt      1920
ttgagcaatg ggggaacgctc acggactgtg tggtaatgag agatccaaac accaagcgct      1980
ccaggggctt tgggtttgtc acatatgcc a ctgtggagga ggtggatgca gctatgaatg      2040
caaggccaca caaggtggat ggaagagttg tggaaaccaa gagagctgtc tccagagaag      2100
attctcaaag accaggtgcc cacttaactg tgaaaaagat atttgttggt ggcattaaag      2160
aagacactga agaacatcac ctaagagatt attttgaaca gtatggaaaa attgaagtga      2220
ttgaaatcat gactgaccga ggcagtggca agaaaagggg ctttgccttt gtaacctttg      2280
acgaccatga ctccgtggat aagattgtca ttcagaaata ccatactgtg aatggccaca      2340

```

actgtgaagt	tagaaaagcc	ctgtcaaagc	aagagatggc	tagtgcttca	tccagccaaa	2400
gaggtcgaag	tggttctgga	aactttggtg	gtggtcgtgg	aggtgggttc	ggtgggaatg	2460
acaacttcgg	tcgtggagga	aacttcagt	gtcgtgggtg	ctttgggtggc	agccgtgggtg	2520
gtgggtggata	tggatggcagt	ggggatggct	ataatggatt	tggtaatgat	ggaagcaatt	2580
ttggaggtgg	tggaagctac	aatgattttg	ggaattacaa	caatcagtct	tcaaattttg	2640
gacccatgaa	gggaggaaat	tttggaggca	gaagctctgg	cccctatggc	ggtggaggcc	2700
aatactttgc	aaaaccacga	aaccaagggtg	gctatggcgg	ttccagcagc	agcagtagct	2760
atggcagtgg	cagaagattt	taattaggaa	acaaagctta	gcaggagagg	agagccagag	2820
aagtgcacag	gaagctacag	gttacaacag	atttgtgaac	tcagccaagc	acagtgggtg	2880
cagggcctag	ctgctacaaa	gaagacatgt	tttagacaaa	tactcatgtg	tatgggcaaa	2940
aaactcgagg	actgtatttg	tgactaattg	tataacaggt	tatttttagtt	tctgttctgt	3000
ggaaagtgt	aagcattcca	acaaagggtt	ttaatgtaga	tttttttttt	tgccccccat	3060
gctgttgatt	gctaaatgta	acagtctgat	cgtgacgctg	aataaatgtc	ttttttttta	3120
aaaaaaaa						3128

```

<210> 8568
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (95)...(248)
<223> similar to gi4102195 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8568						
gggacggggc	agcgggtgcac	aagaagagac	cgaggcgggt	ggccccgaga	gagccagggc	60
catggaggcc	aacatgccga	agcgggaagga	gcctggcagg	tctctccgca	tcaaagtcac	120
ctccatgggc	aacgccgaag	tggggaaaag	ctgtattata	aagcgatact	gtgagaaaag	180
atttgtgtct	aaatacctgg	caacaattgg	aattgactat	ggagtcacaa	aggtacacgt	240
cagagacaga	gaaatcaaag	ttaacatctt	tgatatggct	ggacatccct	tcttctatga	300
ggtaagaaag	cctttttgac	aaaacctata	tccagtattg	ttggtgggtt	ggggagagat	360
ccagaattat	atgaacaac	caatattgat	atcatgtgta	aaattgcata	atttttagctt	420
gatcgtggct	tgccttcaga	gccttgagtt	aatagacaac	tgttgatttt	ttaggttatc	480
ctgttaaata	gtggtaggaa	atttcattgc	caatatttca	aacatttcaa	taagacattt	540
tgactttcag	aggacttttg	ctttttacct	catactttag	cctaaaatgt	g	591

```

<210> 8569
<211> 664
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (573)...(131)

```

<223> similar to gi1596163 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8569
tttttttttt ttggaggagg gggtaattta ttttaattgt tgactctggc ttacaatttt    60
gtcttctgtt tccatatctg ggtcattaga agccccctca atcccatcat cccttttccc    120
ttcaaatcag ggcaactcag agatagcttt cttggctggg gggcctgttg gcttttcctt    180
ttctctogct ttttctcat acatcaggat catttttagg atggcagatc tcttgccag    240
catcatcctg agaaagtcag ggtagctgaa cgtctccccg gagccactgg acacctctcc    300
aattaatttc tttagctcta ggtgagcttt ggggactcca agtttctcca gcattcgttt    360
cagggacatg atatcaatat cgccatttcc attaagggtca aactccatgt atttctcttt    420
gaagccttcc agtttgaggg gcagatcctc atcactgcta tatttgggat cgtctaggaa    480
ttgcttggtg atctcatcca gcctctcttc ctgctgggcc ttcagcagtc cgaaagcttt    540
tcctccctgt aaatccctgg tttggctcat agctcagcag atgctggtag aggtggggag    600
acagaccaag ctggaggcct ctgtctgcag gctctccttc tctcccacca gtcttctcag    660
aagc                                         664
```

<210> 8570  
<211> 834  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (155)...(557)  
<223> similar to gi455523 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8570
gggagcgag cggtttctag gggtagtggt gaccacgcg gccccacctg ctctccccgc    60
gcgcggcccc acccccctgc cccgccccgc ctggtttata ggtccccggc cgagcctccg    120
gccgccccgc gggtttgtcc cgcgatcccc gacctgccc gccgacctca gcggtacttg    180
gacctgtctc agcagcgaca acttcgaggg ctacatgctg gccctaggta ttgactttgc    240
cactcgtaaa atagccaagt tgctgaagcc acagaaagtg attgagcaga atggggattc    300
ttttaccatc cacacgaaca gcagcctaag gaactacttt gtgaaattta aagttggaga    360
agaatttgat gaagataaca gaggcctgga caacagaaaa tgcaagagtt tggttatctg    420
ggacaatgac aggtcacct gtatccagaa gggagaaaaa aagaacagag gctggaccca    480
ttggatcgaa ggagacaaac tccacctgga aatgttctgt gaaggtcaag tgtgcaaaca    540
gacattccag agagcctgat ccacatccag cagcagagcc cacttgtggc tgcagcttta    600
tgccaaatta tattgcagac tgaacagacg tttatctatc ccatttggcg acgaggactc    660
gtggctggag agagccacac agcgtgtaac ctgaagtcac ctagattatg gggaaactgc    720
tcagcttcaa taaacctgtc caaatgaaaa aaaaaaaaaa gggggggccg ttttaaagga    780
tccttgaggg ggcccaagtt tacgcgggct tgcaagggtta tagttttttc ctta      834
```

```

<210> 8571
<211> 3271
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (421)...(2954)
<223> similar to gi860937 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8571
cgatttcgtc tgcaaggccc cgggtctccc ctgcgcctgc gcggcgagca gctggcggaa      60
ccggcatctt ctggcgccag cttccggctt agcggctgag cttcaggctt gacgtcagga      120
aaccatcaag atctcathtt acagctggga ttctctgggt cacagaggta acggagcttg      180
cccgaggcca gttaaacgag aagattcatc accgctttga tggctgcctc acaaacttca      240
caaaactgtt catctcacgt tccttttgca gatttgtgtt caactttaga acgaatacag      300
aaaaagtaaag gacgtgcaga aaaaatcaga cacttcaggg aattttttaga ttcttggaga      360
aaatttcatg atgctcttca taagaaccac aaagatgtca cagactcttt ttatccagca      420
atgagactaa ttcttctca gctagaaaga gagagaatgg cctatggaat taaagaaact      480
atgcttgcta agctttatat tgagttgctt aatttaccta gagatggaaa agatgcctc      540
aaacttttaa actacagaac acccactgga actcatggag atgctggaga ctttgcaatg      600
attgcatatt ttgtgttgaa gccaagatgt ttacagaaaag gaagttaac catacagcaa      660
gtaaacgacc ttttagactc aattgccagc aataattctg ctaaaagaaa agacctaata      720
aaaaagagcc ttcttcaact tataactcag agttcagcac ttgagcaaaa gtggccttata      780
cggatgatca taaaggattt aaagcttggg gttaatcagc aaactatctt ttctgttttt      840
cataatgatg ctgctgagtt gcataatgtc actacagatc tggaaaaagt ctgtaggcaa      900
ctgcatgatc cttctgtagg actcagggat atttctatca ctttattttc tgcattttaa      960
ccaatgctag ctgctattgc agatattgag cacattgaga aggatatgaa acatcagagt      1020
ttctacatag aaaccaagct agatggtgaa cgtatgcaaa tgcacaaaaga tggagatgta      1080
tataaatact tctctgaaa tggatataac tacactgatc agtttgggtgc ttctcctact      1140
gaagggttctc ttacccatt cattcataat gcattcaaag cagatataca aatctgtatt      1200
cttgatgggtg agatgatggc ctataatcct aatacaciaa ctttcatgca aaagggaact      1260
aagtttgata ttaaaagaat ggtagaggat tctgatctgc aaacttgtaa ttgtgttttt      1320
gatgtattga tggttaataa taaaaagcta gggcatgaga ctctgagaaa gaggtatgag      1380
attcttagta gtatttttac accaattcca ggtagaatag aaatagtgc gaaaacacaa      1440
gctcatacta agaatgaagt aattgatgca ttgaatgaag caatagataa aagagaagag      1500
ggaattatgg taaaacaacc tctatccatc tacaagccag acaaaagagg tgaaggggtg      1560
ttaaaaatta aaccagagta tgtcagtgga ctaatggatg aattggacat ttaattgtt      1620
ggaggatatt ggggtaaagg atcacggggg ggaatgatgt ctcatcttct gtgtgcagta      1680
gcagagaagc cccctcctgg tgagaagcca tcggtgtttc atactctctc tcgtgttggg      1740
gctggctgca ccatgaaaga actgtatgat ctgggtttga aattggccaa gtattggaag      1800
ccttttcata gaaaagctcc accaagcagc attttacgtg gaacagagaa gccagaagta      1860
tacattgaac cttgtaattc tgtcattgtt cagattaaag cagcagagat cgtaccagt      1920
gatatgtata aaactggctg caccttgctg tttccacgaa ttgaaaagat aagagatgac      1980
aaggagtggc atgagtgcac gaccctggac gacctagaac aacttagggg gaaggcatct      2040
ggtaagctcg catctaaaca cctttatata ggtggtgatg atgaaccaca agaaaaaaag      2100
cggaaagctg ccccaaagat gaagaaagtt attggaatta ttgagcactt aaaagcacct      2160
aaccttacta acgttaacaa aatttcta atatttgaag atgtagagtt ttgtgttatg      2220
agtggaacag atagccagcc aaagcctgac ctggagaaca gaattgcaga atttgggtgg      2280
tatatagtac aaaatccagg cccagacacg tactgtgtaa ttgcagggtc tgagaacatc      2340
agagtgaaaa acataathtt gtcaataaaa catgatgttg tcaagcctgc atggccttta      2400
gaatgtttta agacaaaaag ctttgtacca tggcagcctc gctttatgat tcatatgtgc      2460

```



ccatcaacca	aagaacattt	tgcccgtaga	tatgattgct	atggtgatag	ttatttcatt	2520
gatacagact	tgaaccaact	gaaggaagta	ttctcaggaa	ttaaaaattc	taacgagcag	2580
actcctgaag	aaatggcttc	tctgattgct	gatttagaat	atcggtattc	ctgggattgc	2640
tctcctctca	gtatgtttcg	acgccacacc	gtttatttgg	actcgtatgc	tgttattaat	2700
gacctgagta	ccaaaaatga	ggggacaagg	ttagctatta	aagccttgga	gcttcgggtt	2760
catggagcaa	aagtagtttc	ttgttttagct	gagggagtg	ctcatgtaat	aattggggaa	2820
gatcatagtc	gtgttgacga	ttttaaaagct	tttagaagaa	cttttaagag	aaagttaa	2880
atcctaaaag	aaagtgggt	aactgattca	atagacaagt	gtgaattaca	agaagaaaac	2940
cagtatttga	tttaaagcta	ggtttcctag	tgaggaaagc	ctctgatctg	gcagactcat	3000
tgcagcaggt	ggtaatgata	aaataactaaa	ctacatttta	tttttgatc	ttaaaaatct	3060
atgcctaaaa	agtatcatta	catataggaa	aacaataatt	ttactttta	aggttgaaaa	3120
gacaatagcc	caaagccaag	aaagaaaaat	tatcttgaat	gtagtattca	atgatttttt	3180
atgatcaagg	tgaaataaac	agtctaaaga	agaggtggtt	ttataatatc	catatagaaa	3240
tctagaattt	ttacttagat	actaataaaa	t			3271

<210> 8572

<211> 2948

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (500)...(895)

<223> similar to gi5689172 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8572

cagttcctgc	tttcagaagt	tgctagagtg	tttctctttg	aacttgaact	gtggctcttt	60
tgatatccag	aaagagagtt	ctttgggggg	atggttaatt	cttgtttttg	gtgcttttct	120
tcaccgctct	aaggaactac	cacagtcaga	aggtgcattc	ttactgcat	ctttttat	180
gctaccttgg	gcttaaggag	cctgcctata	tctactgagg	tgaggttagg	tcagtctctg	240
taaccgttcg	tcacttaggc	cttgatgggt	gacatggatg	gggatgactt	cctgggctaa	300
ctcttctctt	gctaaaggat	gatttttcac	caccttgaat	gcccattgatt	aaaacataaa	360
caagaaaata	gatatctgag	gagaatgcag	ttgaaactaa	ttttgtggat	agagaaactg	420
ttggaactgc	tttacaaggt	attttaacag	cccacctgag	gatattgacc	ataaggactc	480
atatctcatt	acaagaagca	tcatggccga	gccagactac	atagaagatg	acaatcctga	540
actcattagg	cctcagaaac	tgatcaatcc	tgtaaaaacc	tcccgaacc	atcaagatct	600
tcacagagaa	cttcttatga	atcaaaaaag	gggtcttgct	cctcagaaca	aaccagaatt	660
gcagaagggtg	atggaaaaaa	gaaaacgaga	ccaagtaata	aagcagaagg	aagaagaagc	720
acagaagaag	aaatctgact	tggaatatga	gctattaaaa	cggcagcaga	agttggagca	780
gcttgaactt	gagaagcaga	aattgcaaga	agagcaagaa	aatgcccccg	agtttgtaa	840
ggtgaaaggc	aatctcagga	gaacaggcca	agaagtcgcc	caagcccagg	agtcctaggc	900
tgaggctgca	ccaagacctc	gtgtgtcacc	ccacagagct	gtctgtgggt	gccttctcaa	960
tctcagggca	aaagcccctg	gagaatatct	cagccagcag	agaattttga	cttgcatgag	1020
gatttggttt	gatttttcta	cgatctgggt	ggatgccttg	cctgtgacag	ttgcagttcc	1080
tattcgccaa	atgaagggca	gtgccccgca	cgtaagttgg	aatgatggac	ctgtgttcag	1140
agacttaaca	gaaccaacaa	gcaaaacaag	tgagaacagg	aaaaaggaag	aggacactgg	1200
aatcaattct	tgagagttgc	actacttggt	ttttcttcca	ttccaagttt	cgtgggaccc	1260
agagcctttt	ttcttttaaa	agctaaaaaa	caagtgttta	attcctcttt	ttgttatctg	1320
ttagataatt	gagatcacct	agaaatgcgt	ttaatctggt	cactcactgt	aaattttgag	1380

gaccagaaat	tgtcttgttt	aattttatact	ttcaccctctg	ttgcagttaa	caccagagaa	1440
ggaacgtgaa	tgtcagcac	agccactacc	cttgttggca	cttaatttag	aaataggggtg	1500
agaagtttaa	aagcccatct	tgattttatt	ttcattcctt	ttggttctct	gtgtaataat	1560
agcaggctac	atagtacat	tccagttcca	agaagggtaca	tcctgtccat	tcattaattg	1620
ctttgattac	taggaggggt	tctgttcagt	tttgttttta	aatgtcttgc	tgatctagtt	1680
ctttcagatg	gaataacctt	ccagtcctct	agagagtgga	actagtccat	ataaccagc	1740
ttcagtagca	aaagtagaag	cgcaccatc	ttttcatttc	tccaagagga	gagtggggaa	1800
ggttcccatg	accagctggg	cagtcaggat	ttctctaggc	attctaattg	gaaataagt	1860
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tgcataatcat	tagaatccaa	gctttgaaa	tttctgatta	atgctcatgt	atttctttat	1980
ctttgttttt	ccttgtgaag	aaagactttc	accactgtct	gagtgtgat	gctgttgata	2040
aggatgatgt	cgatgactac	tatattgcat	ctctcaggaa	cagctgatgg	gaagggagg	2100
gctgctgagt	tcccttggtc	tagctagcag	cacgctcctc	agagaggggg	ccgagttaca	2160
gacagcagcc	gcattctcat	gcaaaaattag	ttttaaaactg	ctagtgtggg	catcggtacc	2220
ttttgcctgg	gtgataccga	agaattgttg	aggatttagt	atgctccgta	gagacagttc	2280
agccagtcac	ttctgcattg	gagagacttc	tcatactttc	tttgagtctt	caaagaaagt	2340
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ttgattatac	ctgaaatgga	ttattttatct	catcagcaag	tattatttga	ataaaatgag	2580
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tattttttcc	catcgttctt	ttgagagaag	gaagtgtgat	gactgatgat	cttgaaaagc	2700
ccattttctga	ttgcacgttg	actggaattc	tttctttgtg	tctgtggact	agcgatgctg	2760
tttgtaaaat	gaagattcgg	gactggctca	tatcttttta	tctaactaga	tgtcagatct	2820
tgaaatctgt	attctcgaag	caattctgcc	acttgatcgt	attcacaggg	gccctggtag	2880
gctcctttag	aaggaccatt	tctgttccca	gagcttaact	agaattcatt	cttcactgaa	2940
aaaaaaaa						2948

<210> 8573

<211> 2469

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (269)...(1127)

<223> similar to gi726136 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8573

cgacggcgca	gcacgggtgcg	gcgcagctcc	tgctcgcctt	tcccttcgct	gggcgagagg	60
tgtctatggg	gcaccgcgtg	cgcgcgcgcg	taccgccacc	gccaccgcca	ccgcgcgcga	120
gtgctgtctc	tatggcgagg	aggaggagga	ggagcgcgag	ctcagcgaca	caagtaacata	180
aataaaggat	aaaatatattt	atgaaacaaa	tcttcaatca	agtataacat	tttgatgctt	240
ggcatctaga	ctcccttggtg	ccctcactat	gccagcggca	actgtagatc	atagccaaag	300
aattttgtgaa	gtttgggctt	gcaacttgga	tgaagagatg	aagaaaattc	gtcaagttat	360
ccgaaaatat	aattacgttg	ctatggacac	cgagtttcca	ggtgtgggtg	caagacccat	420
tggagaattc	aggagcaatg	ctgactatca	ataccaacta	ttgcgggtgta	atgtagactt	480
gttaaagata	attcagctag	gactgacatt	tatgaatgag	caaggagaat	accctccagg	540
aacttcaact	tggcagttta	attttaaatt	taatttgacg	gaggacatgt	atgccaggga	600

ctctatagag	ctactaaca	catctggtat	ccagtttaaa	aaacatgagg	aggaaggaat	660
tgaaccag	tactttgcag	aacttcttat	gacttctgga	gtggctctct	gtgaaggggt	720
caaatggttg	tcatttcata	gcggttacga	ctttggctac	ttaatcaaaa	tcctaacc	780
ctctaacttg	cctgaagaag	aacttgactt	ctttgagatc	cttcgattgt	tttttctctg	840
catttatgat	gtgaagtacc	tcatgaagag	ctgcaaaaat	ctcaaagggtg	gattacagga	900
gggtggcagaa	cagtttagagc	tgggaacggat	aggaccacaa	catcaggcag	gatctgattc	960
attgctcaca	ggaatggcct	ttttcaaaaat	gagagaaatg	ttctttgaag	atcatattga	1020
tgatgccaaa	tattgtgggtc	atattgtatgg	ccttggttct	ggttcatcct	atgtacagaa	1080
tggcacaggg	aatgcatatg	aagaggaagc	caacaagcag	tcatgacatg	aaatagtcct	1140
tttattttta	tttcgagcta	cacacatgct	tgtatatagg	ttttatctct	ggttgaatcc	1200
ctcgaacaat	agacagtacc	tttccccccc	ctttcatggc	ccattttatt	gtctgccttt	1260
cagtactaag	tatgaccggt	cctatctcag	atcttaataa	aaagaaaaaa	aaaaacgc	1320
tcagggttaa	tttggcctta	atttaataata	cttggttagca	agcgtgtgtg	acagagagtg	1380
gggaaagcta	catcattgaa	tattttgata	aactttaccg	acttgagttt	ggtttatttt	1440
tcccttttcc	taaattaa	agcactgact	gtaattttatt	tccctgtttc	acgtctctcc	1500
cttccatttt	gcaggagttt	tagctattttg	agatcgtgga	ccatcagttt	tgcacttttag	1560
agagtgtttc	tgactctaaa	cctgtttttat	cagaaaattt	gttttttctt	gatcttagct	1620
ggaaaaatct	gccaaacttta	cacagtattt	acttggtttt	gaccacaga	atatagcacg	1680
ttgtgcaaac	tgctgattca	gcgaaactta	aaaaagacaa	gaaactactg	aggagcttag	1740
taactgctgg	tttctgtacg	tagtgtttaa	tcttccaagc	acatctagt	tctgtcagtt	1800
tctaattggc	atgtgtaggc	tgctctgtga	ctgaagaatt	ttcaaaccag	ctttacaccc	1860
ttcaggaaaa	atcccttggtg	attggatgtt	tactatctgc	caggaaactg	gtactcaaga	1920
tggtgaagct	acagttattt	tatgatagca	cacttccctt	gatctgctta	tttttattcc	1980
atcaccattt	accctttttt	ttttttaaat	tttgaagcca	ttcttatgat	gctcttgatt	2040
gggtgggttac	acaaatcaat	tttattaaaa	atccaaagat	aagtcttttag	gtatatatttg	2100
tcccaaatta	aattaaaaaa	caaaaatggg	gctttcatag	ttgctacaaa	ggtaaataat	2160
ggagagattt	ggtccaaacc	accaaaatat	atatatatat	tcatatatat	atatatagct	2220
gataaaatta	cctgggggag	gtaatgctta	tttttttggtg	tatatctttg	caacctattt	2280
tatatatatt	gacaaaagag	actgtgaaat	acttaggcca	tgcagaatat	gtgaccagac	2340
cggagcatgt	gtaggaagac	tttacagtaa	tcattaactc	taccccgaaa	tgatggacta	2400
caagttataa	tgtgtgttac	ctacacttca	atcagtaata	ttagcaaatc	tccaaatggt	2460
agtcacatt						2469

<210> 8574

<211> 1477

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (63)...(673)

<223> similar to gi5531829 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8574

gcggccgcc	ttggctgggt	tcggcgcagc	taacagacgg	cggcagtgcg	agaaagccga	60
agatggcgg	ccccgcggcg	ctgacctac	gggagagccc	cagcatgaag	aaagcagtg	120
cactgataaa	tgcaatagat	acaggaagat	ttccacgggt	gctcactcgg	attcttcaaa	180
aacttcacct	gaaggctgag	agcagtttca	gtgaagaaga	ggaagaaaaa	cttcaagcgg	240
cattttctct	agagaaacaa	gatcttcacc	tagttcttga	aacaatatca	tttatttttg	300

aacaggcagt	gtatcacaat	gtgaagccag	cagctttgca	gcagcaatta	gagaacattc	360
atcttagaca	agacaaagct	gaagcatttg	tcaatacttg	gtcttctatg	ggcacaagaaa	420
cagttgaaaa	gttcggcag	agaattctgg	ctccctgtaa	gctagagact	gttgatggc	480
agcttaacct	tcagatggct	cactctgctc	aagcaaaact	aaaatctcct	caagctgtgt	540
tacaactcgg	agtgaacaat	gaagattcaa	agagcctgga	gaaagtctct	gtggaattca	600
gtcacaagga	gttgtttgat	ttctataaca	agctagagac	tatacaagca	cagctggatt	660
cccttacatg	atgttttcga	agactgtttt	tttcatcacg	ctcctgccac	ctcattatct	720
tgcattgaag	atacattgcc	aggttgtgtt	ttctgaagga	ttcagtgact	tgctttctgt	780
aaattatatg	gcttatcact	tcttagacaa	ataacaacca	atagagatca	ttgttaagaa	840
tactgaggtt	ctaataact	ttcttttagt	ctgtgagcca	acagtaatta	ttaagaacac	900
tttcccttta	aaggaaacaa	aagtgaatac	catattgttt	ttactgtcat	agtgttgctt	960
tcttgctgt	cctgcttagt	ttttacttgc	tggatgatac	cataatgtat	caaggagcgt	1020
ccatggatac	aagataagat	gtgtacctta	gtagaataca	gagctttggt	aattacatga	1080
ataaaattaa	gaaaatagcc	atatacaatc	aaatacacta	tggcattttt	atttgaatat	1140
gatgagtata	ttttgcttcg	gaaataatat	aggaaggaaa	tgtaaaatag	tgagtgtat	1200
ggtatcagtt	aattccagtc	tgagcttctc	tgtcaacttc	agtttctctc	tcagtttaat	1260
gatttaataa	tagtccaggt	ttttgtgtgt	ttttctttat	actgcaagtt	aataatgatt	1320
cactttatag	tttgggagac	agaatcaggt	cttgaataaa	ataattgtaa	tgagtgttaa	1380
atgggcacca	ttatcgaat	caaatacctt	ttatattctc	tttccataaa	tacgttgatt	1440
tctgtcaata	aaatttttgt	gtcttagaaa	aaaaaaa			1477

<210> 8575

<211> 1231

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1205)...(313)

<223> similar to gi3402830 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8575

tttttttttt	ttagcacttg	gttattttat	ttcctcaaaa	ataaaacaga	aaggaggcgg	60
ggccccagct	cagcaccagg	tgggcagctc	ggagtgtgtg	cctccctcct	ccagggctcg	120
cctccgcctt	tcctcccgcc	cctactggca	gccaacaagt	caacggaatt	cctggccttt	180
gagatgtcac	cccaaagcc	acctgagttg	agtgaagaaa	cactctcttg	gtgaaagcag	240
aagcggagct	accaggccag	gcattgctgg	tggccggcat	cacctgagct	cgctgtgtc	300
ctgcccagct	tcagtgggtc	ttccccggc	cctctgagat	gacatcctcg	ggccggggcg	360
gcatgtacca	ctccaccag	gagccatcgt	agatgggcac	gtctggcttg	ccgcagaggt	420
aggccctag	tgccacgtgg	caggctgtga	cgccagagcc	acacgtggcc	accagtggct	480
tagacaggtc	cactttcttc	tcctggaaca	gatggcggat	ctcctcaggg	ctcttctcca	540
gcccctcctg	gctcaggaag	tctgtgaagg	ggatgttcac	ggtacctggg	atgtggccag	600
gttcaatgcc	gtctcggggc	tcgggctcgg	tgcgcgggaa	cctgccagtg	gctcgggagt	660
ccaccacctg	gaagcgccgg	gattccaggt	tctccttgat	gtcctcgtag	gtcttgatga	720
aggcggggtc	gagctgagcg	cggaactcgg	cgggagcagg	ttggctcttg	ccggagctga	780
gcgggaggtt	ctggcgagc	cagtggcgga	ggccgccatc	aagcagtgac	acggcggtgt	840
ggccgaaggc	gcggaacatc	caccagacgc	gcggggcgga	gtagaggccc	tggtcgctgg	900
cgtcgtagat	cacgacgtgg	gtggccgcgc	ccacgccag	gcggcctgcg	tactccgcga	960
aatgctcggc	cccgggcagc	atgtggctcg	agggcgaggt	gcggctcgctg	cactggctga	1020

tgctgaagaa agcggcgccc gggatgtggc gctcctcgaa ctgcgctgc gcgtcgccc	1080
ccagcttcgg caggtaccag gaggcgcca gcagctgcag aggctgcca gcgcgcgggg	1140
cccgcagcgc ctccgccacc cattgcgcg acaccagcgc gcggcagagc tgccgcgaag	1200
ccatggcggc gacactcggg ctgcgggect g	1231

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<210> 8576
<211> 1357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1271)...(853)
<223> similar to gi4510425 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8576						
ctttaagag	accaaaactt	tcaacaaaa	aaaacacata	ttttataaa	gaaagataaa	60
agaaagtctc	ataatcatga	ttctgtatgc	tactcaggca	ttgaaaagg	accctcaatg	120
aaattacttt	tcaccattgg	tttcaggata	taaaacaatt	aaaattagaa	cacactaaac	180
gctgcactat	agttcatgac	atctgcatgc	cacacaaaaa	atcaaaatgt	agtctcacat	240
aggctgatca	tactagagta	tatttattaa	atttcacat	tatgatcact	ttgttataac	300
taaattaacc	ctgacataaa	ctttgacatt	ttaaaaacag	agaacatact	gatttttcaa	360
ctattttact	tacatgtgtt	ttttaattct	catgcagtgc	tcataattag	gagatactac	420
atattcaccc	tcacattatg	cttattaaga	accaagctca	gagggtagaa	aagtgccaac	480
ttcattttcc	ataaacttcc	catacatata	ttaagccact	gttcttctaa	ttatatactt	540
atggtacatt	cttctgtaaa	atgtataact	gtagtcacat	aaccattgtt	atgacaaggc	600
ggcaacatca	tttcagatta	caacaaatga	gaccaaaagt	tgaagagacc	acagcatata	660
aaagtcatga	gaacaccaca	cacatttcaa	tattttccac	tttccagtca	aaaaaacatg	720
cacaaagt	tttagcaga	tagttgtcag	aagtgcataa	aaaaactggc	tttcagggtca	780
tatatgttga	gtgaggatca	atgccattga	ggaaagagag	ctgtgttcat	tatcttttag	840
gtctgtctat	atcatctata	gctgctagaa	gtttttgtct	tgctttctta	ttgatatggg	900
atcccaggca	aacattcacc	agattgggtca	gctgcttcgt	tgaatattcc	ctgtgctctt	960
tgatccaccg	ttccatgtca	ttctcagtta	ggtaataagc	tttaataata	gtttctacaa	1020
attctttatc	aggaatgggt	ctaatatctg	ttagtttttc	aagtttcatt	aaaaactgtt	1080
gaaaatccaa	ttgcatcagg	gcacgacct	cattactgca	tttcttgaca	ttggcatatc	1140
cttctacaat	agttcgatta	gccaatcgta	tacaatgttc	ccaaagtata	ttagacacag	1200
gcaagggtat	gcgaactctc	ttagaaactt	catttagcct	cctgttaa	tgctcaaatt	1260
cctttaatag	tgcattctaca	tatatgttgt	gctgtgacat	aatttctttt	acatcccatt	1320
tcacctcgtg	ccgaattcct	gcagcccg	ggatcca			1357

```

<210> 8577
<211> 4328
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (4271)...(1515)  
 <223> similar to gi3882211 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8577

tttttttttt	ttcagtagaa	accattgaag	tttattggcg	gtcacaaatgc	ttacactgta	60
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acagtcgcca	gaggagaagg	aaaaaaaaatt	aacaggcttg	tttctggggg	tagaggaaag	180
aaataaaaaat	aaaacctaatt	tgatgagtg	cccgtgggca	agagctgaac	tagagatgtg	240
tacaactagc	agcaacaatt	gtggaaaaag	tacaaggcaa	atagctgtct	ccattaattt	300
tcctctgtag	gttattattt	tttttaatat	tcaaaacatt	tattatgggt	ttcattttat	360
aaaaatgtat	attttttaag	ggatgggaga	atgttaaata	cttcatgcta	ggtagacctt	420
gttattaaga	acccttcac	tgtagtaact	tcctccagtt	catacattca	tgagtgcagg	480
gtacatatat	aaatatccac	acgcatacat	ccacacacac	tgccctcgagg	gctggggaag	540
actaaaattt	attggccaca	cacagcaggg	cctctggtgg	actcaccac	attgctccca	600
ggagagcagt	gggctcactt	ccttctctct	ggtctctgcc	ttcacacaga	ccaagaaccc	660
tacaacacgt	cgtaaatacc	aacttttaaa	agcaagaggc	atctgtctga	ggatgagggt	720
aagcaaagta	ggaaagagg	tggagataag	aacacccaaa	cacttttagc	tggagttatt	780
tatcactgca	aggggctagg	gacccagggc	agaatctata	cggtccaagg	ggagggacgg	840
tgttctggca	tggcttagag	ttcctaataa	caagggttaa	tacagtaaca	ggaattgatc	900
atttctgggt	gaggacaggg	caatacgaag	aaatatacat	ttggaatttt	agcttttttt	960
ttgcctctct	actgtgtcac	taaatatatc	tctgcactct	cacacatcct	tgtccagtaa	1020
agcttcaggc	caccagaata	cacattttct	tcactcgcat	acacaacccc	tcacatcagc	1080
attgggtgcac	tagactctgt	aaaaattttt	cagtcacact	ttttgttttt	aaacttgagt	1140
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cttctccggt	ggctggctgt	tcacaatact	gtttcttagg	tcagaaaaat	acttttcatt	1740
aagcaatata	aagccaagta	gtggtcgga	catagaccac	tgggttctac	agtcttcaaa	1800
gatgatgatg	ttcagcaccg	tggacagcat	ctgctggatc	atctctggat	gctgctgcat	1860
gatgtgcaga	aagcggtcgc	tctcctgggt	caggggtgtg	gtcctcttct	tgggtgctacg	1920
tgacagctgc	ttgaagaggt	atgtcacaat	gtggtccagg	caggagcagc	agcctgtgca	1980
taccatggtg	tcaagtgcag	taagtccttc	agaaatggaa	gagagaatat	acatgatgac	2040
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ataataagac	tggctgagct	tggggtaatc	caagagatca	ctgtgaggaa	tagagaggag	2160
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catgaactgc	tcatactgat	cttcatcctc	tcctaaatcc	accatgagga	gacgcccag	2760
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catcagctgg	agcaccgcac	agacaagctc	accatccatg	gcgtcttgct	catcagtgct	3240
ggcaaaaaga	acccggccac	cgatcactgc	tccaataatg	taaaccagcc	atgtcagcct	3300
tccctcctgc	actgcaatgt	ccattgggct	tgcgtggcg	ctctgtagca	gctcctggta	3360
cgactgggcc	gactgggtcaa	acaactgcac	gaggagtgc	cacgtcttct	catattcaca	3420
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atcattcaag	tttagattct	ttcctgaagc	ctgttttagt	aaattgcagg	aaagtgtgaa	3660
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cagctgtttg	cacagattct	ctagttgggc	caggtctctg	acatgatccg	ccattttgct	4260
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gcacgaaa						4328

<210> 8578

<211> 1160

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (143)...(763)

<223> similar to gi3153885 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8578

agtcttttgt	gcagcaccct	ttaaagggtg	actcgtccca	cttgtgttct	ctctcctggt	60
gcagagttgc	aagcaagttt	atcggagtat	cgccatgaag	ttcgtccctt	gctcctgct	120
ggtgaccttg	tcctgcctgg	ggactttggg	tcaggccccg	aggcaaaagc	aaggaagcac	180
tggggaggaa	ttccatttcc	agactggagg	gagagattcc	tgactatgc	gtcccagcag	240
cttggggcaa	ggtgctggag	aagtctggct	tcgctcgac	tgccgcaaca	cagaccagac	300
ctactggtgt	gagtacaggg	ggcagcccag	catgtgccag	gcttttgctg	ctgaccccaa	360
atcttactgg	aatcaagccc	tgcaggagct	gaggcgctt	caccatgcgt	gccagggggc	420
cccgttgctt	aggccatccg	tgtgcaggga	ggctggaccc	caggcccata	tgacgagggt	480
gacttccagc	ctcaagggca	gcccagagcc	caaccagcag	cctgaggctg	ggacgccatc	540
tctgaggccc	aaggccacag	tgaaactcac	agaagcaaca	cagctgggaa	aggactcgat	600
ggaagagctg	ggaaaagcca	aaccacccac	ccgaccaca	gccaaaccta	cccagcctgg	660

accagggccc	ggagggaatg	aggaagcaaa	gaagaaggcc	tgggaacatt	gttggaaacc	720
cttcaggccc	ctgtgcgcct	ttctcatcag	cttcttccga	gggtgacagg	tgaaagaccc	780
ctacagatct	gacctctccc	tgacagacaa	ccatctcttt	ttatattatg	ccgctttcaa	840
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gatctgcagc	ttctctgaag	tttgaaaaag	aaaccttcct	ttctggagtt	tgcaagagttc	960
agcaatatga	tagggaacag	gtgctgatgg	gccaagagt	gacaagcata	cacaactact	1020
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acgcattcat	gaatttccag	tgttcagtaa	atagcagcta	tgtgtgtgca	aaataaaaaga	1140
atgatttcag	aaaaaaaaaa					1160

<210> 8579

<211> 1565

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1533)...(919)

<223> similar to gi3702627 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8579

accatataag	cagctatgct	aaccccaagc	ctctctggcc	ctgtttcttca	tccttccttc	60
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ggaaggaaag	gaacagagaa	gtgaagaaca	gatacctccc	tccaagggtca	aatgcctcgt	180
gatcttgcca	gagtagggat	tgggcaataa	gcatcaggta	tcttcctctc	acagattcta	240
gagagctggg	gcattaaata	tggggggacac	ttagaataca	gctccttaaa	taccacaaaa	300
taaagacctt	tgtgtgtgtg	tgggtgggtg	ggggggggca	gggggtctttc	tcttatgaac	360
ataaatctgt	gagctgaagt	ctcattcccc	tgttcctccc	taccccaaaa	gaggcacaga	420
gtgaagggac	ttggggggca	cagctcagca	accagtgagg	agtttagcacc	ccctcccacc	480
ttatgatgtg	tgtggacctg	gccagtgcgc	ctctgaacat	atcattatta	gtgtaattat	540
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gagtatggag	ctgacagggg	cattggaatg	ccaggaaaga	acttcttcaa	ctgagatcaa	660
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acttgaacct	gggttacatg	ctccctcatt	gcgaggcagg	acgtaggcac	atgactgtgc	840
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gtggg						1565



<210> 8580  
 <211> 1796  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (51)...(1442)  
 <223> similar to gi3873561 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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```

<210> 8581  
 <211> 3348  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3349)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (427)...(1924)

<223> similar to gi2088839 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 8582

<211> 4527

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (144)...(3579)

<223> similar to gill36424 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 8583  
 <211> 2030  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1989)...(1366)  
 <223> similar to gi4204313 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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agaggtagag taataaaaagg aatgtcagag gtgctttcag atttcttata aaccagtaaa      180
ccaagcaacc ctggacttct agtttactga gctccttctt ctagccattc acagttcctg      240
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gttagtgcg atcagcacat tagcaaagca aaatatttaa acatttttaa aagctgctaa      660
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gtaaagtctc ccagatgtc agcagtggca ggattgggct gtggccaggg tacaggagca     1320
cctcctgaac tgggagcaac tgctggctgg acgagggatc cccccacagc caactgctcc     1380
ccagggggag ggatcagggg ggaggttttc cccctggggg gagggggaag caggctcagc     1440
cctcctgtgc tggcaggccg gactcgggga ttcccagctg ctcttctctt cttcttcctg     1500
tttgcatgtg tgagcttgat ggtctggccc tccttgaagc ccaggtccag tttagggcct     1560
tggtctgggt tctgggcttg ttttgcaaat tcacactgct gtttcaccca cttgaaatgg     1620
tcctgcaatg caacattgaa gtcaaaggca tcacctcggg ccccgaagcc aattccaata     1680
aacgcccgtc gccattttcc atcttcgatg cggatcacga agtacctgct ggaatccgtc     1740
acactctcca cagctgtgcc aggaaactga tccaccgggg cctgagcaaa gagctccctc     1800
gacgtcctgt cctccagctt gatgtaggcc atctgtccct ttgcagtgat cctcagccgg     1860
ccactccatg atggctggtc cagctgccac tccgcagccc tgtagccacg gttggtagcc     1920
cgcgagggga tgcggtagac gtggacgtca ggcttgacac agagcaccga ctctgacctg     1980
ctctcctcca tcgcgacgcc tggagcccac cgaacttccg gcgacttcca     2030

```

```

<210> 8584
<211> 3423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2742)...(1380)
<223> similar to gi5689547 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8584
gttactggga taactcagtt tggatgaacac atgatgtggt ttggttatta gtagagttac      60
agaaaaggta gcatggaaac tgagatggcc tcgtgggtgt tggaaggcct ttcagcaagg      120
ggagggtgaat gttattagggt ccaacctgaa aggtgcatat ttcaggcaga tagatagggtg      180
tttggcatct tataactgct cactttcctt ttcttagta atctgaaagt aattcactgt      240
actgaatagt taatggttcc cttaatagac tcttgcctt ggaaaaataa aatgaaatga      300
ctggggttct attagtaact gaaaaattgt caacaattaa aactctaaaa cctactcatg      360
agaaaataaa gctcttttgt ttaggaataa taaaagccga cttaatgact tctgaaagaa      420
gtaagtgtcc ctgtaaaggc caggtgaaac tgccattctt taacctgtta ctcggtgtac      480
ttgactgcgg aaagaaccca gaaacagaaa aggccaggcc caaaggatag aagtgtagggt      540
ttcctctgga agcttactgt tctgctaaat gacctaaaaa ttgcctagaa cactcccaga      600
taagtcaatt tctgcttata aaaatccatt gccagaaaaga gattattttt agttgtcttt      660
atttaaaaaa tgaaacacat tagttacaaa aaccgttgct ccaaatagat accgtgtatc      720
ttacaaatgt tttttgcttg gttttgagtg tttactgtag aaattttcaa tatcataaat      780
aaatgattat ttctttctca gaaagctgat tttttagtg tagtatttac aaataccgta      840
agtgaaaaat gatagtttat aaatttgtac catttaggaa aaaatgtttt atgtagtgtt      900
gtttgtgtaa cagcaaataa aaccatttaa gattatagtt tttacaaggg tggtaaaacc      960
tttaaaacag cataatgtgc atcgtatgcc tttctgacat tagcatgcaa aaacaaagct     1020
at ttgttaaa atagacttat ttttgcctca actaagtaaa catgtaaaat tatttttaaat     1080
aagctcaata gcttagaagg catcttggtt aaaatgaaaa taatttaaaa caatatctag     1140
cactgcaacc caaagctaac agacaactgc aatgccactg tgacatattt cagcaaaata     1200
taaaaaatga aaactttcca agttgtagaa cattgggttt tcaaatgtaa gactgttcac     1260
atgtgtattc acatgttcac aagttttcca aagggaat actaattttt tattggcatc     1320
atccatatcc aggcaggctg tagttgagtc accaatagct actcctaaat ggagctgcta     1380
ttttttctat gttttctata aagttattta catctgtaac aaggattcca ttattttcaa     1440
agacttctct ggggatagta ggcttgtctg ttaggaggac agcaaacctg gcatcaatat     1500
gctgaatttg caggttttagc aaacatttca gaatttctgc ttttgttgat gatcgagagt     1560
cacactgggtg ataatgaagc aattcaatga tatttgcact ctgaaatgac ttcaacatta     1620
tggtctctct atgtgcagtt gaatccactc tttcatcttc ttttagcttt ttattttccc     1680
tgtagtgaag caaccacttc catcttccat ttccatttag tttttccagg attttgataa     1740
tttcttccag ttgaactaat gttacagctt ctagtatctt gtcactctgat atcacaagc     1800
ctcctgcacg aaacagttct tggtaggtgt gatcaagaac atctccaggg ctgtctactc     1860
cagcaaagat gacactgggg aaatgcttca gcttcagcaa agaaggaatc tgatgcaaatt     1920
gtgatgatat atcttcattt ctgatgatga tgattagtgt atcattctct ctgtggaaag     1980
cttgacagaa gtgctgaggt tcaatttctg tatggcctcc tttcctcaga aggttctttg     2040
ttcttacaac gaatgatttg tcttctgttt cgacaaggta gaacaggaag gtacttttac     2100
aagcctcttt cacaacactt cttagtttga cgtgcaaatt ggtgcacacg tctatgatta     2160
tgtcttcata ggaggctgac cgtcctggga aaggcagata catctcttga gcagtggctt     2220
ctccagaaac atcatttagc tctttgtctt ggaaaatgaa ttggttgcta ttcttcatca     2280
ccttgttgaa ttcagcatat tcattgagaa taagtgaat atcattccga gattccttca     2340
cagtactgtt gtatttcagt ttgttgaggt ggaatgaaac agtgtgattt ctttgagaat     2400
ttctaagatc tctattatga ctacatctct ctctccaaga ggaagagctg tccagactgc     2460
tggctgtgta gcctctcctg ggctgcccct gtggtctggt atctgactcc acaactgtta     2520

```

```

ccagaagggg gcttctgctc ctaggtgcag gatgcagaaa tggggcctca gagatttttg 2580
tcgaagggaa agcaccaatg gagatctggg ttggtgactc ctttgaaaag acattggcag 2640
aggaggcaga atgctgagaa tccccattct ttatggtctg ttttagttta tgtgcaaaac 2700
gcagatactc caggtctaaa gtgttctggg tgaggctgct tggcacctgc caagtgcctg 2760
tccaggagct gggcaggcca cagtttgac tgaaactcgg gtgcctcctc aggcctgtgt 2820
aagttctcat ggtatctttg agttcttttg ttatagagaa gttggcgtaa gtcctgagga 2880
tcccgtggag atctcggatt tggacgtaag gcggcacaca cttctcttct ttctttaccg 2940
cagcagtcca gtgcccggga gggaggctcg tctccatgcc tggaaaccag ctagagcagc 3000
cccagtcctc ttggttggtg ttgtggaagt tcaacgacga ctcatagcca tctgtgggaa 3060
catctttttt cctggtgtaa ctacctctta aagtataaga atcctccaaa tccagtctgg 3120
gatttctaca atcaccaagc aggtctagat cagaatctcc agagagttca tagtgcattg 3180
cggaattcac accgacctct ccatctctgc ttagggtttc agaaccagcc tcagccgtga 3240
gcccctcccc actgttatca atttttacgt gctctgtggc tattccacaa gcagaaatat 3300
caaaggattc tgaacaaaag gaggccaaaag gctctttact gaggttttcc atggtgtctg 3360
ctgtattttg gtagggccca gcacaaaagg agaaatctcc gaccttcaat agctcctttg 3420
cga

```

<210> 8585

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (855)...(159)

<223> similar to gi33702 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8585
tttttttttt ttctgattga caatgagaaa tatttattga gggttttattg agtgcagggg 60
gaagggccgg catgacttgg gatggggaga gaaaccctc ccctgggatt ctggaagtct 120
aagtttcccg tgggtgggggg tgagggttga gaacctatga acattctgta ggggccactg 180
tcttctccac ggtgctccct tcatgcgtga cctggcagct gtagcttctg tgggacttcc 240
actgctcagg cgtcaggctc aggtagctgc tggccgcgta cttgttggtg ctttggtttg 300
aggggtgtgg ggtctccact cccgccttga cggggctgct atctgccttc caggccactg 360
tcacggctcc cgggtagaag tcacttatga gacacaccag tgtggccttg ttggcttgaa 420
gctcctcaga ggagggcggg aacagagtga cggagggggc agccttgggc tgacctagga 480
cggtcagttt ggtccccccg ccgaagacat aagtgtctgt gtcccacgcc tgacagtaat 540
agtcagcctc atccatagcc tgggtcccg c gatgggtcag agtggctgtg ttcccagagt 600
tggagccaga gaatcgctca gagatccctg agggccgctt gctatcttga tagatgacca 660
gcacagggga ctggcctggc ttctgctgat accagcaagc atatttatcc cccaatttat 720
ctccagagca ggtgatgctg gctgtctgtc ctggggacac ggacactgag ggtggctgag 780
tcagctcata ggaggccacg gatcctgtgc agtaagcaag gacgccgagg aagagaggga 840
tccatgccat ggctgaggca cctccgatgc tgc 873

```

<210> 8586

```

<211> 2629
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (541)...(1871)
<223> similar to gi5689483 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8586
tttcgtgatg ggcggagccc cagccgctag tgctggtggc cgccgctgct gccccagctg 60
gagcccgagc cgccgcctct gcgtccgcgc gtcgctgctt cccagggcgg cggatatgctg 120
gggaaaggag tagtcggcgg tggcggcggc accaaggccc ccaagccctc cttcgtgtcg 180
tacgtacgcc ctgaggaaat tcacacaaac gaaaaggaaag taacagagaa ggaagtaact 240
cttcacttgt tgccagggtga acagctgctt tgtgaagcca gcacagtact gaagtatgtc 300
caggaagatt cctgtcagca tgggggtctat gggaggcttg tctgcacaga cttcaagatt 360
gccttcttgg gtgatgatga atctgcattg gataatgatg aaactcaatt taagaataag 420
ggtataggag aaaatgacat tacactccac tgtgttgatc agatttatgg agtgtttgat 480
gagaaaaaga aaactctctt tggacaactg aagaaatacc ctgagaagct catcatccac 540
tgcaaagacc ttcgagtgtt ccagttttgt ctgagggtaca caaaggaaga ggaagtcaaa 600
aggattgtca gtggcataat tcatcatacc caggctccta aactgcttaa acgattattt 660
ctgttttctt atgcgactgc tgcacaaaac aatacagtca ctgatcccaa gaaccatacc 720
gtaatgtttg acacacttaa ggactggtgt tgggaactgg aacggaccaa aggcaacatg 780
aagtacaaag cagtgagtgt caacgaaggc tataaagtct gtgagagatt gccagcatac 840
tttgttgtcc ccaccctctt tcctgaagag aatgtgcagc gctttcaggg tcatggcata 900
ccaatatggt gttggtcctg ccacaatgga agtgcccttt tgaaaatgtc agcactgccc 960
aaagaacagg atgacggcat ttacaaaac caaaagagct tcttagatgg aatttacaag 1020
accatccaca ggccacccta tgaaattggt aaaacggaag acctgtcaag caacttctctg 1080
tccttgacag aaatccagac tgcatactct aaattttaaac agctatttct gatagataac 1140
agtactgaat tttgggacac agatataaaa tggttttctc tgttggaag tagcagctgg 1200
cttgacataa tcagacgttg cctgaaaaaa gcaatagaga ttacagaatg tatggaagca 1260
caaaacatga atgttcttct tttagaggag aatgcatccg acctctgctg tctcatttcc 1320
tctctgggtg aactgatgat ggacccccac tgcagaacca gaattgggtt ccagagcctc 1380
atccaaaagg agtgggtcat ggggtggccac tgtttcttgg atcgctgcaa ccatctccgc 1440
cagaacgaca aagaggagca tcaacgacaa ctttctttgc cacttacaca atctaagtca 1500
tctcccaaaa gaggattttt caggaagaa acagatcatt taattaaaaa ccttctgggc 1560
aagagaatta gcaaacttat taattcttct gatgagctcc aagacaactt tcgagagttc 1620
tatgacagct ggcatagcaa gtccactgac taccatggtt tgttgttacc gcataatcgag 1680
gggcccgaag tcaaagtctg ggcccagcgc tacctacgtt ggattccaga agcccaaactc 1740
ctagtggttg gccaaagtgg cactctgagc aaactcttgg aaatgatgga ggaagtccag 1800
agttttacaag agaagatcga cgagagacac cacagccagc agggcccccga ggctgaggcc 1860
ccctgcttgc tgaggaactc tgcccgcctc tegtctttgt ttcctttcgc tctgctccag 1920
cgacattcct ctaagcccgt cttacccacc agtggctgga aagctttggg agatgaagac 1980
gatttggtcca aacgagaaga tgagtctgtg gacctagggg atgtgtgacc tgtttgttga 2040
gtgattgtga aagaggaatg tgggagattg ggacagctga tccttgattt tgtgtcacgc 2100
tacagctcat gctggctggg tccttagccc ggcaactcgt tagaataaac ctgggccttc 2160
gggaaaagag gtggctctca ttatttttca tgattctaaa agactatgca attaaaaccg 2220
catctgtagt attattaatt ggaaggaatt attacttgac ccgtaatagg gttgtggccg 2280
ttttctgatg cctaagtatt atacagagcc cacaatggcc agtttactac cagaaagggc 2340
ttcagtaaga tattcttgga cttgatactt tcttcagatc ctctttgtgc caagataatt 2400
tatccagtca ttgggaatag taagtttctg tgtaacccat ctcaattata gaagcaagtt 2460
cagctttatg tatttgtatg gggagttgaa gattcagata gaggtattaa gatgtgtggc 2520
atttacttaa accatcacat ttttttcttt ctacgcccc ttgcctgtaa aacacctggg 2580

```



aagttccact ggtgtcatcc atcctgatgc ttcagaccac ccgagccct

2629

<210> 8587  
<211> 1156  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (743)...(981)  
<223> similar to gi4731912 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8587  
caattttctt gaaattgcaa taatttttaa atccgagttc caaaataggt ccttaatttt 60  
tggaataatt gtttagggg gtttaaggcc ccaaggaagg ccacccttcc catttattaa 120  
ttatatccag aattgagttc tttcaaggta gaaaaaattt atattaacca attttttagta 180  
atgttcaaag actagttttt tgagtataaa attgagttat tataatcccc ttagtatttg 240  
taaacccttt aatagctttc taaaatgaag tagtattttt ctatgtgagt gaaatatcag 300  
tttacattta taatacttga tacttaaata tgaattcctc atttcaacta atcttttttc 360  
aaatgatcat acacatatac taaaagaggg gtgttttagga aaagttgaaa tgatggaatg 420  
ttttggtctt aggacctttt ctcaaaaaaa ataaggaaat ctaaaaagca ttttttcaaa 480  
tgccaacaca aaaacattcc ttcttatatt ttctattctg gcatgtacag ggatagggag 540  
gctgtgtggt ccactgggta gagccaagga ctgggagcca ggaggatcct gggttccaat 600  
gcggggctaa ccactgactt actgtgtgac cttgggcaag tcacttgacc tccttggtcc 660  
tcagtcaacc atctggaaaa ttggttaaaa agcaggacct cgctgacaac cagatgctgc 720  
atctgagctg agctttcttg ggcaccggt tttccgtgaa cattgtgttt gtgtacaagg 780  
aaactatata aaggacttaa atattcttgg aagagatctt tcaaaaacta taataattga 840  
caactcacca caagcctttg catatcagct ttctaattga atccctatag aaagttggtt 900  
tatggataaa aatgacaatg aactcctaaa attgattcca ttcttgagga agcttgtaga 960  
actgaatgaa gatgttcgac cacacatcag agacagattt cgcttgcatg atttgctgcc 1020  
cccagattaa gtacaaagac ttgtcaaata actgaagggg gagagaatgc aggaccttt 1080  
tggaactaaga caaaaacatt gccattactg ttgaaatttt gcatttttgt accccgtctt 1140  
gctttttctt tctttg 1156

<210> 8588  
<211> 670  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (569)...(142)  
<223> similar to gi3046869 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8588

```
cggcgcgcgc gacttttttt tttcagagttt ttgcatttta aaatttatatt aaagtcttgg 60
ttgttcaggt cctaggggtt ccaagtcccc agtcaccttg aggactcaga catcaggaat 120
tcagtcacca gccagagat caacgaaaga aagacaactt ttcttgagc caggcctcag 180
tgaggtcatc agtgggtgcg atttcgaaca cctttgtgag ctctgctgtc tgcaccagcc 240
tgtttttact cctgcatac atcatctgtt gttccggctt gcagcccaca gggctggaga 300
agatgaaaca caaagggtag gacactcggc catcgtcatg cacgtacttg tagctgtaaa 360
ccacgaacct gggctgtctc tccggcaact ccattttgag ctctctggg gaaatgttct 420
gaaattcttc ctccagcacc accatctgcc ggtctttgtc caccttcatt atgatggctg 480
cattgtctgt ctcttttcgg aagcggaatt tcctcagctt ttctgttagc tctgggtcta 540
cctgcacac caccagggag tcagacatga ttgttctgtc cacaggcctc ttcttttctt 600
agttccgctg tcttctaggg gtggggaccg gggctgtagg ggggcgggct gtgcagtagg 660
aggaaggttt 670
```

<210> 8589

<211> 2362

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2175)...(446)

<223> similar to gi4704735 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8589

```
tttttttttt ttacattttt taaaagtttt ttatttttca gttttttag agatgaggtc 60
tcaccatgtt gccctggctg gtcttgaact cctggcctca agccttctt ccgcctcggc 120
ctcccaaagt gctgagatta caggcctgag ctgctgtatg gctatgattt tgtaaaggc 180
cgacacagag gtgaagtcaa ctgctagaaa tcacggcttt taagaggtgg agtcacattt 240
gaactctggc ctctgatgcc agatctgcag gtcacatgtt caccatgggc cagggtgacc 300
tgactgcggc cccacacctt tctgtgaggc acagggcagg attccacctg aggcgcgagg 360
agcctgggac gactcctttg gtctctctct gggttcgcaa aaacctgggg gtcccgggtg 420
tgaagaaggg tgtctgcgct ctccagcggc aggtccagg cgctgcgaca ggacgccgag 480
gacgcgctgg aacttctcaa agcgttcagc gcgcggagct cccgcgcccc ggctacccca 540
gagcagcctc cgcacgaagc cgggtggtcag ggcctccctc agctccgggt taggcggaa 600
tcctcgcagg cgctgggctg ccaccttgcg gaatttgggt gcgtcccggg ccatgtgacg 660
cgccccgtgc aggggtgcga acagccgctc acagctctcg tccagcggcc ccgcgacttc 720
ctgcacctcc agtaggcgaa ccatgggtgc cacgtgcggc agcgccacct cgccgggggc 780
gcagggtcca gcgcctcat ccagagcccg catcagcggc ttcagctcct gctcaaaggc 840
cagcgcagcc tccgtgtggc tccttcggag ctggcgccac gtgtgctcca accgggacac 900
ctggggcatg agcagggcgc ccatgactgc agccagcccg ggcaggtecc ccgcgcccc 960
tggccgcagc gccagcgcca gctctaccag tccctcagt gcggctgcgc gctcctccag 1020
cggccccgag cagcccagca ccgccagcgc cccggccagc gccagtgtct gatgcctctc 1080
cagcagttcc aacctcaagt ggtgtccatg gggaagagtg agcagctcca ggccagatga 1140
gactcccatg ttgccccgct gatctctggc cactcccagg aggcctgtgg cctggcagtc 1200
taccaatagc aggtgaaggg cgggtgctccc aggatgggtgc tccaggaaca ggccacggag 1260
```

ggatatgcagg	acttgggggtt	ccagggggccg	attctgggggg	cccagcaggc	aggagggggc	1320
atcatggggg	cagaaagaga	tctcagcctg	tggctttgta	aaacatctat	tctcttcctc	1380
ctcatcctcc	tcggcctccc	accatggggc	ctctggctct	gggcagcttt	ggctcgggga	1440
tgttccctgg	acactgggca	ctcggggcac	cagctcgag	tacgtcgggg	gacgttcaga	1500
ggcatcaggc	agttcgaagg	aggggtgtccg	ggggggcttc	gttgggtgcct	tggcttgaag	1560
ctgcccacg	gaggccctga	gactgtcggc	aacagttccc	aggggagcag	gggccttcag	1620
caacaccggg	tactgtctcg	ttcggggcaa	ggcagatatg	ggcatggtgg	aggcttccat	1680
cccagcgggg	tcttctcttg	accgccccat	atgtgccaaa	tctgcaggct	gactgttgct	1740
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aaagctgcgt	cgcagaggcc	cctgccaaagt	cacaggcctg	gagaccacag	cccctgtggc	1860
ctgggacagt	gggcgcctgc	ctgtcatata	actgtgaacc	agagccggta	tgtctggggaa	1920
ttgtcatcc	tccagttgaa	agagggctgt	gggtcggcct	ggccggggac	gcagggccac	1980
acggaacacc	tcaaaatgga	gggctgagcc	ccgccagcgg	caggagatca	cggggttgcc	2040
cccacgggac	ccagaggcgc	gaaccaggaa	gtcgccattt	tgtgaagaa	gagcttcagc	2100
cttctggcgg	gacaggaggc	cgtggtacca	aggttgccca	gcaaggctct	ctccatcctg	2160
tggcacctgc	atggagctct	tgggaacaga	gggtgccagg	gctgagctct	gcactttcaa	2220
caggcctcag	tcttccacat	ctgggcagga	cccgcggggc	tcccacgagg	ctgggtccag	2280
gcggaagctg	aggctccgcg	gctccgggct	gctgtcacc	ccgccctcca	ccttgccacc	2340
gccccagcct	tcccagacga	aa				2362

<210> 8590

<211> 5088

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (279)...(2601)

<223> similar to gi435446 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8590

tttcgttgaa	aaggaaaaaac	cagcgttata	caggattgtt	aaattaattc	ttatctgttt	60
ccacatcttg	gaccgtgatc	tctgtggttt	taaaatccca	tattttgagt	gggttcgcgt	120
gttgtttaag	aaaagttgct	ttaaaccctt	gctctgcaag	caccgaaga	gaactcataa	180
aaaggaagac	aacagcagat	gcaatcgcg	atgtggctta	gtccttgag	ctgccccaga	240
gtgctgtttg	gagtgtaccg	tcctcagtaa	tgaatccaga	agaacaaatc	gtgacatggc	300
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gcagaaatta	caccatccac	aggaaatgga	ctatttttgc	agtccaacat	cagccaacca	4440
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tttttttagca	cagccattta	gatataacat	ccttcactta	aaaattaaaa	acatcagtac	4560
taccaccacc	accaacaaca	tcaacacaga	tcttcacatc	tgcccattct	gtgggttagtc	4620
aatggcttgc	aataaatgtg	caaactgcat	ctataggaaa	cattttttgtg	attacggaat	4680
acttttagttg	attgctgaaa	atattgaaag	ggcttcattt	tacagtgatg	agtacatatg	4740
catgtttcgg	ggacttggcc	cttctgatga	ggggccctcg	gtactctgga	taacgaagct	4800
tgtgcagagt	ggtaaccatg	cttacacact	aaactataat	ataaaggaaa	tgaagccatg	4860
ttaatctgag	agcagtgtcg	ccatagttgt	gttgttttaca	atactctata	aatgggttcc	4920
tgttgccctg	taattaaact	gctgcccgtg	gaggcctttc	agttcctttt	ctgtccttcc	4980
ccttcttaac	acaagctcaa	attttctaac	ttgtttttat	tttgaagact	tttaaaatgg	5040
acattttcaa	tacataaaaa	taaacagtgc	tttataaaaa	aaaaaaaa		5088

<210> 8591

<211> 845

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (88)...(765)

<223> similar to gi4580677 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8591						
cagactcttg	gaaggggcta	tactagacac	acaaagacag	ccccaagaag	gacggtggag	60
tagtgtcctc	gctaaaagac	agtagatatg	caacgcctct	tgctcctgcc	ctttctcctg	120
ctgggaacag	tttctgctct	tcatctggag	aatgatgcc	cccatctgga	gagcctagag	180
acacaggcag	acctagggcca	ggatctggat	agttcaaagg	agcaggagag	agacttggct	240
ctgacggagg	aggtgattca	ggcagagggg	gaggaggtca	aggcttctgc	ctgtcaagac	300
aaactttgagg	atgaggaagc	catggagtcg	gacccagctg	ccttagacaa	ggacttccag	360
tgccccaggg	aagaagacat	tgttgaagtg	caggggaagtc	caaggtgcaa	gacctgccgc	420
tacctattgg	tgcggactcc	taaaactttt	gcagaagctc	agaatgtctg	cagcagatgc	480
tacggaggca	accttgtctc	tatccatgac	ttcaacttca	actatcgcat	tcagtgtctgc	540
actagtacag	tcaaccaagc	ccaggtctgg	attggaggca	acctcagggg	ctggttctctg	600
tggaagcggg	tttgctggac	tgatgggagc	cactggaatt	ttgcttactg	gtccccaggg	660
caacctggga	atgggcaagg	ctcctgtgtg	gccctatgca	ccaaaggagg	ttattggcga	720
cgagctcaat	gcgacaagca	actgcccttc	gtctgtctct	tctaagccag	cggcacggag	780
accctgccag	cagctccctc	ccgtccccca	acctctcctg	ctcataaatc	cagacttccc	840
acagc						845

<210> 8592

<211> 1990

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (208)...(974)

<223> similar to gi2695737 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8592
tttcgtccgg gattcggcca gtggtgctga gcgagtgtctg gaccagcggc cgtcctgtgc 60
acctggcctg tgcgcgtgcc cgctgctcgg cttcaccag actaaggcgc gggcagctgc 120
gggaacaggc ggggtgggcg gagggagacc gggaggcacg ggcgcctgt gcgcggagga 180
ggtgaaggcg gccggggccg ggacgccatg tccatggagg accccttctt tgtggtgaaa 240
ggagaggtac agaaagcagt caaactgcc cagggattgt ttcagagatg gacagagctc 300
ctccaggacc cctccacagc aacaaggaa gaaatcgact ggaccacca cgagctgaga 360
aataacctcc ggagcataga gtgggatcta gaggaccttg atgaaacat cagcatagtt 420
gaagcaaata ctagaaaatt taaccttgat gcaactgaat tgagtataag aaaagccttc 480
attacaagta ctgggcaagt tgtcaggac atgaaagatc agatgtcaac ttcattctgtg 540
caggcattag ctgaaagaaa aaatagacag gcactgctgg gagacagtgg cagccagaac 600
tggagcactg gaacaacaga taaatatggg cgtctggacc gagagctcca gagagccaat 660
tctcatttca ttgaggagca gcaggcacag cagcagttga tctgtggaac gcaggatgag 720
cagttggagc tgggtctctgg cagcatcggg gtgctgaaga acatgtccca gcgcactcga 780
ggggagctgg aggaacaggc agttatgttg gaagatttct ctcacgaatt ggagagcact 840
cagtcgccgc tggacaacgt gatgaagaaa cttgcaaaag tatctcatat gaccagtgat 900
cggcgccaat ggtgtgccat agccatcctc tttgcagtcc tgttggttgt gctcatcctc 960
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ggaggaggag aagctgagca cgtgtgacat tgccgtctac tcacattcct atcctggaaa 1080
catactgctg cactgacttt tctccgtgtg accccacaat tgacatggct cctccatccc 1140
agcgtgggaa gggccagtgg gaagaggaaa tagatgtctg cactcctggc tgcagctgga 1200
caacagaagc cccatgccgc ctgtccagtt cggaggagaa ctactgctg ccttgccctc 1260
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caccgtgtgc ccatctaaag aaacctgtca ggaatacgag cttctgggta tgtttcgttt 1440
cccattgctg tagcatttct tatcccctga gagctgatga ttattgagga cagaaggctc 1500
agaaacagtt tgtgacagaa aatgcagtgt ttcatttttc agggataaat gctaagataa 1560
aattgctttt ccaggtcatt tttttttgtg gcaagaataa ctaatggaaa ataataaaac 1620
acctgggggt ttgggggtgc taacaacttg tggctttaac tgacaggagc aattaaaaag 1680
agcaagaggg ttctgcattg gcatagctta aggaagggtt aatgatgtcg ccacagggtc 1740
gtcctgatc cttgccgact tgatgttgct gtaccagggc ttcctcccca gaggtgcagc 1800
ttgcgttttg agggtgattg ctacatatgt tgttgctaaa cagctcagta acacacttga 1860
atgaatttgg ataccagatt gtccctatta cagctctttt actcttaggg cactctacac 1920
tgggggttgg ggttgggagg gggtagtaca tttattacat ttattaaaaa acgcagtgc 1980
ataaaaggtt
```

<210> 8593

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (964)...(293)

<223> similar to gi868241 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 8593
tttttttttt ttttggattt gcaaatacag tttattttac agaaattcaa cattataaac      60
agcaggcacg tgccagcccc ctgccccccc tccccccggc caactcccag gtgcagacca      120
tgctatgcag agagtgcagc gcaacgcgcc cctactgctt tggagtgcga gtcgaaagcc      180
gagggaaacct gcctgcacca catcctgcct gccccacaca cgcacacgcc tgctcgctgc      240
gcagggcacc aacagtctgt ctgggcccag ccagcgctgg accccattac atggatccag      300
cccagttctc caattccttc atgtcgctgt cctcctcttc ttttttcttg gcgggttttg      360
atggtagggc tatagaggga acatttggtg gagggactgt ttccgggtcca ctgatttcca      420
gcaaattctt gtctagtctc tcctgttcta gttcttctaa ttccgccatg agctcatcct      480
cgtcaaactc ttctccaaac cctacagggt tcgaaattgc tgttgaaatc tcctctgcaa      540
gttcttgctg gtcagcaaat tcctgcatta actcatcaac tttatcgatg tccatgttgt      600
catggggcgc cttcatggcc ttggcggcat agcccatggt cttgagcacc tcggtgttgg      660
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gcgccagctg cttctcatac ctctctttac gcttcagtgc ctggaggggc gcgcgcttgt      780
ttttggtgcc gtgcttcttg gcggcgctca gctcctgctc gattttcttc tccaggaaact      840
cctgtttctt gcttaacatc tcttcctgtg cccgcagccg ctggatggcc tcttgggggg      900
tcgggcgcgc cttgcgggcc ttacccctc cagccccgaa cagcttcccg aacaccgaca      960
tggttgctgc tcgcgcgcgc ggcttctgcc gcccgtctcg gctcggctcg gctcggctcg     1020
gctcgggtcg gacgaaatcg tcgaccggg aa                                           1052

```

<210> 8594

<211> 1496

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (67)...(1413)

<223> similar to gi202215 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 8594
gaattccccg gtcgacgatt tcgttgtcac cccgactcaa cgtgagacgc accgcccgga      60
ctcaccatgc gtgaatgcat ctcagtccac gtggggcagg caggtgtcca gatgggcaat      120
gcctgctggg agctctattg cttggaacat gggattcagc ctgatgggca gatgccagt      180
gacaagacca ttggtggagg ggacgactcc ttcaccacct tcttctgtga aactggtgct      240
ggaaaacacg taccocgggc agtttttgtg gatctggagc ctacggtcat tgatgagatc      300
cgaaatggcc cataccgaca gctcttcac ccagagcagc tcatcactgg gaaagaggat      360
gctgcccaaca actatgcccc tggtcactat accattggca aggagatcat tgacccagtg      420
ctggatcgga tccgcaagct gtctgaccag tgcacaggac ttcagggctt cctggtgttc      480
cacagctttg gtggggggcac tggctctggc ttcacctcac tcctgatgga gcggctctct      540
gttgactatg gcaagaaatc caagctggaa ttctccatct acccagcccc ccagggtgtct      600
acagcgtggg tcgagcccta caactctatc ctgaccaccc acaccaccct ggagcactca      660
gactgtgcct tcatggtgga caacgaagca atctatgaca tctgccgccg caacctagac      720
atcgagcgcc caacctacac caacctcaat cgctcatta gccaaattgt ctctccatc      780
acagcttctc tgcgctttga cggggccctc aatgtggacc tgacagagtt ccagaccaac      840

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ctggtgcct	accctcgcat	ccacttcccc	ctggccacct	atgcaccagt	catctctgca	900
gaaaaggcat	accacgagca	gctgtcgggtg	gcagagatca	ccaatgcctg	ctttgagcct	960
gccaaccaga	tggtaaagt	tgatccccgg	cacggcaagt	acatggcctg	ctgcctgctg	1020
taccgtggag	atgttggtgcc	caaggatgtc	aacgctgcc	ttgccgccat	caagaccaag	1080
cgcagcattc	agtttgtgga	ctggtgcccc	acaggcttca	aggttggtat	caactaccag	1140
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tcctatgagg	acgaggatga	gggagaagaa	taaagcagct	gcctggagcc	tattcactat	1440
gtttattgca	aaatcctttc	caaaataaac	agtttccttg	cacggttaaa	aaaaaa	1496

<210> 8595

<211> 2714

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (279)...(923)

<223> similar to gi3880413 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8595						
tcgtggtgct	tggttggtcg	ccaccaagaa	gactttggtg	gggtagtctc	ggggcagctc	60
agcggccccg	tgtgcccgtt	tctggcctcg	ctcgcagctt	gcacgtcgag	actcgtaggc	120
cgcaccgtag	ggcgagcgtg	cgggtcgccc	gcgccgcct	cggggtctgg	gcccagccgc	180
agcctcttct	accgcggccg	gttgggagtc	gccgcgagat	gcagcctccg	ggcccgcccc	240
cggcctatgc	ccccactaac	ggggacttca	cctttgtctc	ctcagcagac	gcggaagatc	300
tcagtggttc	aatagcatcc	ccagatgtca	aattaaatct	tggtggagat	tttatcaaag	360
aatctacagc	tactacattt	ctgagacaaa	gaggttatgg	ctggcttctg	gaagttgaag	420
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tggtgagaga	caatcctgac	ttttgggggc	ctctggtgtg	tggtcttttc	ttttccatga	600
tatcattata	tggaagcttt	agggtggtct	catggattat	aaccatttgg	atatttggtt	660
cactaacaat	tttcttactg	gccagagttc	ttggtggaga	agttgcatat	ggccaagtcc	720
ttggagttat	aggatattca	ttacttcctc	tcattgtaat	agcccctgta	cttttggtgg	780
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acagtgtctg	ttcattgtta	gtgggtgaag	aattcaagac	caaaaagcct	cttctgattt	900
atccaatctt	tttattatac	atttattttt	tgctggtata	tactggtgtg	tgatccaagt	960
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ggaattggag	aaaacctggt	gctgcaaaat	tttacatgtt	ccagatggaa	agggaggtct	1080
aagcgctttt	taaaacaatt	tttttttgta	tttaattaag	caattgcagt	tatctgggat	1140
ttttgggtca	gaatttttaa	ttctgtttga	ttctccatat	tccagtgaat	aaaatacaaa	1200
agcattgtgt	ttttaagatt	gtgtcgatat	tcacctaaaa	acttgtgcca	aaagcacctg	1260
gattggtaat	tatatattac	ttaaagggtg	aatttgacaa	tatcttgata	atcaaaagtg	1320
caattttttt	cttcaaaatg	ttttctccag	catcacagat	cctgcagata	tatatattata	1380
tttatacata	tatatattatg	aaataattct	tactcacaaa	atatattttct	gataaacatt	1440
aagatattaa	atctgatgca	caaactttaa	tttgccatt	aatctttttt	atttaaaaat	1500
ttaaatttgt	ttttaaaatt	gtatatagtt	tttaaaatct	cacacatgct	tcgatacttc	1560



cttgtaaga	attcttaata	actactaaaa	ctgattttta	atagttgctg	atatatattt	1620
ggtttgtttg	ggtatacttt	tcaaaacccat	ttttgaatgt	ccaaacatct	gatttaaagt	1680
ttctgtttat	ctttctgacc	aaaggagcaa	gaggataaat	ggatatggca	ttcattaaaa	1740
tctttactat	gtacaaaaac	agtaatat	acagcatcag	taaatat	taagtggtag	1800
ttctaaatca	taaaagtgtg	ggaaagagac	ctttaaaatc	ttgtgggtgt	gaacaatgtt	1860
atatgaagta	gaaaaaataa	aatacttccc	agttgtgtgt	tttgttttac	agcaccatgt	1920
cctgtattac	ttgatatttt	aacaagtatc	aggtactctc	taacaaatgt	acagtttttg	1980
ctaagggaaa	tattaagaaa	tttttatcag	tgaaatat	gttgcaaata	atttcataagg	2040
tttttagata	cacctgtagt	taatattact	ttgtaaagta	ggtaaatacat	tttatttatg	2100
tccataaaat	atcaaagtgc	tgtaactat	tagcaaatta	ttgtattatc	ctttctggtc	2160
tcacctggaa	gagtttcctg	ctgtcctcag	tatgataaca	tggcgacctc	ttggtatgta	2220
tttcttttagc	aaacttaccc	atcaggaaat	atccagcacc	tctgaagcaa	acctacaaat	2280
gagtgtgtta	tcaagccag	ccgtcttcct	ttccccta	cccaaaagga	aagaaagaaa	2340
aacttatttt	aagctgcaga	aaaagtgtgg	agcacttttg	agctagaata	atgtagaaaa	2400
ttacatgtac	tgattttttt	aaaaacaggt	gagaagcacc	agaggacag	gacttctaga	2460
agttagaata	atatgaagta	atcaggaaat	atctatgcct	acagaagcag	caaccgtaag	2520
ataaacattt	gttacactta	agaaattgct	gaggtaata	ctttgttata	atggattata	2580
atatttgaca	ttcatagtgt	tgaccctgga	atctttcaca	gaaagcttgg	gggtcaggac	2640
caggaggtag	aattttacaa	ggcaataaat	gaaggatttt	taagatcacc	tctattaaaa	2700
aatggtttaa	tttt					2714

<210> 8596

<211> 1877

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1878)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (48)...(1208)

<223> similar to gi4929759 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8596						
ttttttcaaa	attctgcacg	agggggccggg	gctgggtggc	agcggccatg	gaccgcttcc	60
tttggaccag	cggcctcctg	gagatcaacg	agaccctggg	gatccagcag	cgcggggtgc	120
gaatctacga	tggcgaggag	aagataaaat	ttgatgctgg	gactctcctt	cttagtacac	180
accgactgat	ttggagagat	cagaaaaatc	atgagtgttg	catggccatt	ctcctttccc	240
aaattgtgtt	cattgaagaa	caggcggctg	gaattgggaa	gagtgcctaa	atagtggttc	300
atcttcaccc	agctcctcct	aacaaagaac	ctggccatt	ccagagttagt	aagaactcct	360
acatcaaact	ctccttcaaa	gaacatggcc	agattgagtt	ttacaggcgt	ttatcagagg	420
aaatgacaca	aagaagatgg	gagaatatgc	cagtttccca	gtcattacaa	acaaatagag	480
gacccagcc	aggaagaata	agggctgtag	gaattgtagg	tattgaaagg	aaactggaag	540
aaaaaagaaa	agaaactgac	aaaaacattt	ctgaggcctt	tgaagacctc	agcaaactaa	600
tgatcaaggc	taaggaaatg	gtggaattat	caaaatcaat	tgctaataaa	attaaagaca	660
aacaaggtga	catcacagaa	gatgagacca	tcaggtttaa	atcctacttg	ctgagcatgg	720

gaatagctaa	cccagttacc	agagaaacct	acggctcagg	cacacagtac	cacatgcagc	780
tggccaaaca	actggctgga	atattgcagg	tgcctttaga	ggaacgaggg	ggaataatgt	840
cactcacgga	ggtgtactgc	ttagtaaacc	gagctcgagg	aatggaattg	ctctcaccag	900
aagatttagt	gaatgcgtgc	aagatgctgg	aagcactgaa	attacctctc	aggctccgtg	960
tgtttgacag	tggcgtcatg	gtaattgagc	ttcagtctca	caaggaagag	gaaatggtgg	1020
cctcggccct	ggagacagtt	tcagaaaagg	gatccctaac	atcagaagag	tttgctaagc	1080
ttgtgggaat	gtctgtcctc	ctagccaaag	aaagggtgct	gcttgcagag	aagatggggc	1140
atctttgccg	tgatgactca	gtggaaggcc	tgcgttttta	cccaaattta	tttatgacac	1200
agagctaagg	gttttgtatt	taaaatcctt	tttgtccata	tgcttgcgctc	atgtagaggt	1260
tgtatgacat	tgagctaaga	gataaacccc	gatcaattga	gaattttattg	gaacttcaca	1320
gtgcaatgta	aatctctttt	aatttctcac	taaatatggt	ccaggaaatt	tatttagtat	1380
acgcatagga	aaattcagaa	aagtgaatgc	caatatgaat	ttaaaatcat	gctatagtgc	1440
agaaccctca	gagtttaact	tggaatatag	tggattttta	cttgatcctc	aaatctaatac	1500
attttataaa	gaaggggaatt	tagttttgca	gagaataaaa	agagaagttg	catgttcaga	1560
caggtagat	tattattttg	gtgtaactga	aattcactga	ttgcacatga	caatgttggg	1620
acaaaatata	ctgcagcatg	ctatatgagg	ctctccccca	gggcttttag	aagcagtcac	1680
agacatgtct	tcaacatacc	aaataaaaata	cctttaaaaa	tgaaataatt	ttatttgaca	1740
catatattta	tatatattct	atctagggtt	ctcttngtt	ttttttaaag	tgatgatttc	1800
atggactggg	catttaaaag	aaatggcaac	tngtggcca	tttttggtt	ttccaaatgc	1860
tgtggaattt	ttggaaa					1877

<210> 8597

<211> 2029

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (254)...(1218)

<223> similar to gi4938275 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8597

tgattcctga	gtgctgagcg	cgaacccgag	gagatgaagt	aaggcgctcag	ctttcttttg	60
aggaaggagc	agcggggccac	tgggggtggt	ccaccgggac	tgggtgtggtg	gagcgtctgc	120
ggggccgagg	ggcgggagcg	gcgcggggac	tggaacagct	cgtcccctag	ttttgctctt	180
cctcagctcc	ggccgggttcg	cacttaacttg	tctgcttttc	tgctaccct	ccccacccc	240
cccgccaccg	tgaagccctt	taactaaggt	gaagctgac	aacgagctga	atgaacgaga	300
ggtccagctt	ggggtggccg	ataaggtgtc	ctggcactcc	gagtacaagg	acagcgcttg	360
gatcttcctg	ggagggcttc	cttatgaact	gactgaagg	gacatcatct	gtgtgttctc	420
acaatatggg	gagattgtta	acattaatct	cgtgcgggac	aagaaaactg	ggaaatccaa	480
aggattctgt	ttcctctgct	atgaagacca	gaggagcaca	attctggccg	tcgacaattt	540
taatgggatc	aagatcaaaag	gaagaactat	cagagtggat	catgtgtcta	actatcgggc	600
tcctaaggac	tcagaagaaa	tagatgatgt	gaccagacaa	ctccaggaga	agggctgtgg	660
ggctcgtacc	ccctcaccaa	gtttgtctga	gagctctgaa	gatgaaaaac	caacaaaaaa	720
gcacaaaaaa	gacaaaaagg	aaaaaaagaa	aaaaaagaaa	gaaaaagaga	aagccgaccg	780
ggaggtacag	gcagagcaac	catcctcttc	gtcaccagca	cgcaagacag	taaaggaaaa	840
ggatgacact	ggccctaaga	agcacagcag	caagaactca	gagagagctc	agaagtcaga	900
gcccagggag	gggcagaagc	tccccaaatc	caggacggcc	tactctgggtg	gagcagagga	960
cctagagagg	gagctgaaga	aggagaaacc	caagcacgag	cacaagtcct	caagcaggag	1020

ggaggcaaga	gaagaaaaga	ccaggattag	ggacagaggg	cggagctcag	atgcacattc	1080
tagctggtat	aatgggcggt	ctgaagggcg	tagttataga	agtagaagta	ggagccgaga	1140
taaatcccat	aggcataaaa	gggcccgcg	ctcccgggag	cgggagtcct	cgaatcccag	1200
tgaccgttg	cgtcactgaa	gacttcagct	gcacagtaga	tttggaata	attatgtttt	1260
ttaaatgcag	tcaaattcag	ttgggtgggt	actatTTTTg	tatctaaaac	ttctggggct	1320
ggattctttt	aatcccttga	ctatttagag	tcattgggag	ggctgcagtt	tcaacagcta	1380
gatatcctgg	atattgtttg	caccatccat	tgtccctgta	ccagagtatg	tatcctgaac	1440
tttggttcat	aaatatggct	cttgaaccca	tagaccccag	ttgaagatgg	aattttcagg	1500
aaagggaaaa	tactagataa	ttctagaatt	ctagtcttcg	tgtagatgt	ttatagccca	1560
gcatcctggg	acctttccag	ttactagggt	tgacagctt	gatgtgaacg	aatgggatag	1620
gatttttaaa	atcagccagc	tccatgccca	aaccttctcg	tttgagaaac	tttttaattg	1680
cttttctttt	tcattaaaac	ttttttgttc	gatatgcctc	tttccacatt	ttttccttgc	1740
aatgtattta	ttattttatt	gtatttaggt	gaaattcaca	taacataaag	ttaaccattt	1800
taaagggaac	aattcagtg	catttggtac	tgaacatcca	cagtgttggtg	taaccattgc	1860
ctctgtctag	ttccaaaaca	tttttttatt	atcccaaaat	gaaaccctgt	agccattaaa	1920
caagagctcc	ccgtttcttc	cctcctccct	gtccctagca	accaccagtg	gacttcctgt	1980
ttatgggttt	gcctattctg	gatctttcat	aaaaatggaa	ttacacaaa		2029

<210> 8598

<211> 2896

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (353)...(1344)

<223> similar to gil665811 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8598	
aattcccggg	60
agccccgcgc	120
gccactcccc	180
acgaagcagg	240
cctcaacagc	300
tcagctgtgc	360
acttcctgta	420
atgggaaatg	480
gaaagagaac	540
aaaagctgtt	600
atatacagta	660
atggagtga	720
gttgaggaga	780
tcagcacaaa	840
tgtcaaggat	900
cttcagctgc	960
atacaggttt	1020
ggactttctac	1080
atcaccagga	1140
atTTTTgacc	1200

tttagaagtc	atttacactg	accctgtgga	tctttctctg	ggcaccgtgg	cagaaatcac	1260
tggtcatcag	ctcatgagtt	tgtctactgc	aaatgcaaag	aaagatccca	gctgcaaaac	1320
ctgtaatatc	agtgttgga	gttaatgccc	acttttctta	ttcttactca	gccccctttc	1380
ctcccttagg	agcattgggc	ctctgttgtc	cattttttatc	accagatggt	ttccactgaa	1440
gcatgcacat	gccactgtca	ccaaaacaaa	caactaccac	tttccaaatt	tcattcagaa	1500
ccatttttagt	gttttcttat	tccctacccc	tcccactact	ttcaatgatg	aaatacccta	1560
agttaagttc	tccttttgac	actttattgc	ctagatgctg	caatgttttt	atgtttcctt	1620
tatgccaaac	ataacaaaac	agttatatag	actgcttttag	caaagtacac	aataatggct	1680
tataaatggg	gtttaaatat	gcattcattt	taatctactg	aacaaatatt	gggataactc	1740
caaaccgcat	gaaagggtgt	aattgcagca	tgagttaaat	cttgaagcct	agaattgtca	1800
gcacttccaa	cttctgtgtt	gacagtgtta	tttatgttat	ttatattagc	taacaggaaa	1860
caactactgt	gtttcaacat	aataaatata	atagaaaaat	atttttatttg	tattgttgta	1920
taaaaatattt	acaatcatat	agaatatata	gagttacatt	ttaatagcaa	ctgtgtacat	1980
gtcacgaaac	catttccctt	atcaaagatg	taatttgtaa	acctcaaata	gttgtgtatc	2040
tgtcctgtta	gaagtagatg	acttcaatta	aacaaattta	tgaaggacat	tattctgatt	2100
cataaaaagtt	ataaaaatatt	aggtaaatac	agagaaaaca	ataagcctct	gaaataagtc	2160
tgtttctgaa	atagtcaata	gtcttcccat	ccaaactata	agagaatgtg	aattttcttca	2220
acatcatact	taaacattac	agaaaataga	aatacaaaca	aggttgggtac	atgagagaaa	2280
atggtgacct	tttacttcct	tttacaiaaaa	tgaaaataat	aaacatgttt	tcgtataaaa	2340
taacacaaaa	tgatatacac	tgaagttgat	gaagcaaata	aatattctgg	gcttcttttt	2400
caaggtatca	ggggcaaaaca	atttccaaac	ttttgcattt	tgtacagaag	gatgaataac	2460
tacagctcat	gggaaatggt	ttgactttac	aaagtataga	tggttgaaca	ttaagaaaaa	2520
tgtatatattc	caatgaaaaa	atagttatat	catcttatag	taaacaaaaa	gattagcaat	2580
aatactatgg	acacattaga	ttatatacta	cagacacata	tctatccaaa	atacctattt	2640
taaaattttta	atacaatatt	ttattttaat	ataaacatct	gtcagttata	gacaaagata	2700
ataattcaca	aagtacatgc	tatcagaatg	aactttggta	accagaaatg	taaaatttca	2760
aataacggat	aaaataatgt	gttattttta	tagagaaaga	aaaaaaatag	caacacaatc	2820
tagttttattt	tagggtagctg	agagccttagc	agacttaaag	gacaaggtag	taaatgtttt	2880
atcactcaaa	aatcct					2896

<210> 8599

<211> 942

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (765)...(576)

<223> similar to gi3641542 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8599

attttttaggt	aagatgaggg	ttcatoccatg	gtgggtccag	gccggtctca	aacccccgac	60
ctcaagtgat	cccggccgcc	tcggcctccc	aaagtgctgg	gaccgtgggc	ataagccacc	120
gcacctggcc	ctttaacttg	atttcaaagc	aaaattatac	aaatggaccc	taacttctat	180
tatatattta	agtttacttc	aaagatctat	tttatcctta	tccttagaaa	ctgtgaggaa	240
aaaaaaaacta	tgtaacaaa	gctgatgaca	aagattcttt	attatataag	agatcctatt	300
atctgatcat	attaccta	aaattatata	tgaatgttca	ataataaaaa	taatgttcac	360
caatatgtca	catgcatggt	tagtgtttta	ttctttgaag	actgcttcta	aaacatcgca	420
ctaagtaaag	ctgaaaggat	aaagttaaaa	atagttttta	aaggataagt	tataacatat	480

gtaatgactg	tccactctac	aaaatcttga	tcttagagct	tatgatacac	ccagttggca	540
gtagcaccca	ggttttccaa	atagccagtc	atcacttttc	tcttgtctgc	atagacttct	600
tctcattagc	tgccttctgc	ttttcttgca	tgatctcaga	gtccctctgc	tttctctgag	660
aggcagtcaa	gctatcctct	ttcctctttc	ccttgctaata	ttcctgggtt	ttcttcatgt	720
ttttctggcg	ggcaagttct	cgttgatttc	cacggggccat	gccgaccacc	aacggagcct	780
ggaagaagag	caactcggaa	aagcaacggg	tctctggcac	tctgggatac	cgtcaccacc	840
gctgaccggg	aaggctgagc	cctcgtgggc	cctccgcccg	gctgcgcctc	cgctctgctc	900
cggaattcc	accacacgga	tagtggtcta	cgagggtttc	aa		942

<210> 8600

<211> 2827

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1997)...(1513)

<223> similar to gi5911935 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8600						
tttttttttt	ttggccatag	aaacgtcttt	attgaagagg	acaggagtca	tgctgagttt	60
ggggacatgc	agtgaagggg	cagtcgtgag	ctgtccttgg	tggctcggggc	cccagggtccg	120
ccctggaccc	cctgggcctt	cagggtctcc	ctcgagctgt	tggctctggcc	cagggtgctgt	180
ggggtccttt	gaggccagtg	actagaacgt	agattgaaat	cggggttcca	ggatttgaga	240
ttccctcagg	gccttggggc	cttccattta	ttagagatgg	aggcttttagg	atttgggggtt	300
cccttagggc	tggggctctt	ggaatttggt	gtcctgaaac	ccatggactc	ggggcattga	360
aattctccag	tttccaggga	tgggaattcc	tgtgtggggg	ttcctgggtc	ctgtgaatag	420
ggcttgaggt	gtctgggagc	ctggaatgca	tatcctgact	gcagtctcct	ccataccagg	480
cacaaggacc	tcatgattgg	gtttcctggg	gacttgggat	tggattttca	aatttgggat	540
ttccctgggg	tttgggatcc	catgatttgg	gggtcctagg	agttacggca	ttgggggtctt	600
ctaggggctg	taggacttga	gggcacaggg	gagtttgagg	cgtgtgtact	ctagggtttg	660
ggatccccag	agtcctagaa	tggggcctcc	aaattttggg	gtcccccaaa	gggggaagtc	720
gttacttaaa	aaatagagaa	ttttctggga	gtctggccag	cacaggagct	gtgggccatg	780
tgggggtggc	ttcatacaag	gcactggggg	tttcttgagg	gtgcagaggg	taggaagact	840
tgggggggtc	tgtaattagc	acttccaggga	ctgttttggt	gtctgtaaat	taggggtgac	900
agtgggctgg	ttatggtggg	tttcttcttg	agggataaga	acaagggtct	ttgttaatga	960
aggaagtctc	tgattgaggg	gttggaatct	aagggtctca	gggtgaccat	ggggtcacga	1020
catcttgaga	ggactgatgt	taaatgggga	acaatgacat	gaatgtctgt	tactcttttg	1080
ctttgggggt	gtgacctatg	tttatttcaa	gaggacttaa	ggggcagtg	ttgttaatgg	1140
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agagggtcac	catcatttgg	ggtgatattg	aaatctgtta	atctgggaat	ctgctctgag	1260
gggttgggga	tagggactag	cctgaagggtg	ctactcaggg	aatctctttc	tgggtgacat	1320
ggggtctgta	tttgggggtt	attatgggag	tatctgttaa	taatggggcc	tcaatgatcg	1380
agggtgggct	aacaggggtc	tctactctgg	atgtgttact	gggaatctct	atctcagggt	1440
gactcagggc	tcctcgggtg	tcaggagatg	ctagtgggga	ctctgtctct	ttgtcagggtg	1500
tccagggcct	ctaagactgc	atctccgccc	tcagcatcca	ggggaaccag	cagcagaaca	1560
gcaacctgga	aatggagtgc	tctgatgcaa	tgtccttttg	gggtccggact	gtgggtgaagg	1620
tgcgtttggg	ctgcgtcatt	gtcacttgat	gcactttttt	ggctccaacg	ctgtccccgg	1680
gggaatcagt	ggatccgcca	atcctctgaa	tacgggatgc	tgggtgcgaag	accccatgcc	1740

tcgggggggca	agtgaagtac	cggacaccga	agacagagcc	atcatgcttg	cctgtgggct	1800
ggtccagctc	aatgccatac	cagtaacctg	gggcaaagtc	tgtcttccc	tagaagcgca	1860
cgatccccctg	cttctggccc	gcgacaagga	cctgggtctcc	aacctcagcc	ttggccccgt	1920
caagctgctg	caagctgccc	agagatggg	atgatgggg	cttcttcttg	cctttgtgtt	1980
cctgcgggcc	tttgccggtg	acacgggaga	agtccatccg	gggggtccgg	ggtgtggagg	2040
tgacagagga	gggggggtg	tccactgcct	tggagatctt	ggacacggag	gcaaagagac	2100
cctgcttggg	agggcagatg	aagtaccgaa	cgcccccaac	gctgccatcg	ttcttgccct	2160
cagggttcgtc	cagctccacg	cccaccact	ggccgctggc	aaactccgtg	gtcccacaga	2220
accgcagtgt	gcccgtcttc	tggccatcca	gcagcacg	gtctcccagg	cgcaagccca	2280
gtgcgctaag	catgagattg	cctgggacgt	tgtcatagtt	gggtagcgtg	accttgggga	2340
gggcgcaaga	tagtggcact	gcctcttcca	gaagcgtccg	cagctccttg	gccaccagt	2400
ccgcctctgc	cttgtccagg	gacatgtcca	taggatctgg	gaccacctcc	gccggcacct	2460
gtccttttctg	attcctcagc	gcaggggttg	cgccgtgctc	cagcaaaca	ttggcggcgc	2520
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tggagttcac	cactcgcggc	ctcgcaccct	tcagcagcac	acgcacgagg	tcgggcacat	2640
caaaataggc	cgcgtagtga	agcgcgttca	tgttggtcca	gcggatgcgc	agcgtcacat	2700
gctgcgcccc	gcgccagcag	ctgctgcgag	agggcagcgg	ctgccgcggg	gtccccgact	2760
ccgtgggccc	cagctttgca	ctgcatagt	gagcagtg	atgtcgggtca	gcccgtcacg	2820
atcggtc						2827

<210> 8601

<211> 2346

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (99)...(2295)

<223> similar to gil79285 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8601

tggttcaggc	gggtgtcttc	ggccgggctt	gggaacataa	aagtttgttt	caccacgtaa	60
gccggacctc	gactccgggt	cccgtctctg	tgcceaagat	ggtgaagccc	aagtacaaa	120
gacggagcac	catcaacc	tccaaggcca	gcacaaacc	agatcgagt	caggagcag	180
gaggccaaa	catgaggac	cgggccacca	tccggcgct	gaatatgtat	aggcaaa	240
agcgcaggaa	cagtcgtggt	aaaataatta	aaccctgca	atatcaatca	acggtggctt	300
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aaaaaa						2346

<210> 8602

<211> 2338

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (248)...(1911)

<223> similar to gi5912169 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8602

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tocagtgcag	gttggttttg	ttcagaaaga	tcaacattcc	tttgagctag	atgagaaagc	420
cttggccagc	atcctcttgc	aggaccacat	ccgagatctt	gatgtggtgg	tggtttcagt	480
ggctggtgcc	ttccgaaagg	gcaagtcctt	cattctggat	tttatgctac	gatacttata	540
ttctcagaag	gaaagtggcc	attcaaattg	gttgggtgac	ccagaagaac	cgtaaaccag	600
atthtctctg	agagggggat	ctgatccaga	aacctctggg	attcaaattc	ggagtgaagt	660
tttctactgtg	gagaagccag	gtgggaagaa	ggttgcagtt	gttctgatgg	ataccagggg	720
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ggccactgct	gaagcctaca	acttagcagc	tgcagcctct	gccaaggaca	tttattataa	1380
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tactctgctt	tgtgcacttt	atggaggagg	aagctagagg	aaaaatggaa	atgcggcttt	2220
taagttcttt	atgtgccact	tagtgccctt	taagaaagat	tccatgggtt	tgcacacacg	2280
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<210> 8603

<211> 2274

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2060)...(419)

<223> similar to gi2315202 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8603

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cttaaataaa	gttcacagag	taaaaaccag	aaccgccagt	ccttccctcc	aacacaacag	180
agcacaggca	cagaaccggt	gatgagcccg	aggagcagag	gcggctggga	aggacagcag	240
aggctcccgg	ctgcagtgtg	gagggagagc	cctcttttga	atgggcggag	tgaagccacc	300
cagctcccc	tgcacacctc	ataccactg	ctaaggctaa	aggaaaaaga	caaaactcag	360
tctcaggtcc	ggaggggtca	gaaaacagtc	taggtgggca	ggggtctgga	tgactgctag	420
tctcgtttgg	ccttcttctt	cctgtcgtct	ttgccatttt	cttcagcccc	ctcagtagag	480
agcacctcct	ctagttttct	cctgcccact	tctggctgga	gctctgctgt	gtttcggggc	540
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ggtgccaggc	actgatccag	cagctcttcc	acaatggatg	acaataaccg	aagctcccca	660
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acattccaga	tgccatcaca	ggcaatgacc	atgaattcat	ggtcgtcagt	gagagtccgc	780



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cgacccgtgc	tcgtgccgaa	gccccggggg	tgcgcgcggc	aggagcaggc	ccgcgcgcgc	2160
gaccgacgca	aggtgccggt	gaaaggcgcg	aggccggcca	ggaggcggtg	acgggacggg	2220
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<210> 8604

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (46)...(706)

<223> similar to gi5924011 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8604

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gccctgccca	tgtggaaggt	gaccgctttc	atcggcaaca	gcacgtgggt	ggcccagggtg	180
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gtgtacgact	cactgctggc	gctgccacag	gacctgcagg	ctgcacgtgc	cctctgtgtc	300
atcgccctcc	ttgtggccct	gttcggcttg	ctgggtctacc	ttgtgggggc	caagtgtacc	360
acctgtgtgg	aggagaagga	ttccaaggcc	cgcctggtgc	tcacctctgg	gattgtcttt	420
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ttgggctggg	ggccctcagg	ccttttgttg	ctgggtgggg	ggttgcctgt	ctgcacttgc	600
ccctcggggg	gggtcccagg	ccccagccat	tacatggccc	gctactcaac	atctgcccct	660
gccatctctc	gggggcccct	tgagtacctt	accaagaatt	acgtc		705

<210> 8605  
 <211> 2708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (166)...(1401)  
 <223> similar to gi5825524 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8605
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gcctgggcga gccaggtctg agggcccgct ccccgaaacg tgaccatgtg gattcaacag     180
cttttaggac tcagctccat gtccatccgc tggccgggccc gccccctcgg aagccatgcc     240
tggatactga tagccatgtt tcagctcgcc gtggacctgc ccgcctgtga ggccctgggc     300
ccggggccgg agttctggct cctgccgcgg tcgccgcccc ggccgccccg gctgtggagt     360
tttaggagtg gacagccagc gcgggtcccg gccccggtgt ggagcccccg gccgccccga     420
gtggagcggg tccacgggca gatgcagatg cctcgagcca gacggggcca caggccccgg     480
gaccaggcgg ccgccctcgt gccaaggca ggactggcca agcccccagc tgctgccaaa     540
tccagccctt ccctcgccctc ttcgtcctcg tcctcgctct ccgcggtggc cgggtggggcc     600
ccggagcagc agggccctcct gaggaggggc aagaggcacc tgcaggggga cgggtctcagc     660
agcttcgact ccagaggcag ccggccccacc acagagactg agttcatcgc ctggggggccc     720
acgggggacg aggaggccct ggagtccaac acatttcggg gcgttttacg cccaccacg      780
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aaaacaaaaa agacaaaacc taaaactgag ctatctaagg gggagggtcc ccgcacctac    1560
cacttctgtt tgccggtggg aaactcacag agcaggacgc tctaggccaa atctattttt    1620
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aagaagaaag gaaagaaagg aaccagaggc agagagacga ggatacccag cgaaagggac    1740
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cgcatagaaa cttatagaaa aacaggggtg ggaatctctt ccgatagagt cgctatttct    1920
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ggcaactcac gtcacacaca tattacacac atgtgcgcac acacacacac aatacacata    2160
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tgtttgtgtg	tgtatatata	tgtttgtgta	tatatatata	catatgcata	catatgattt	2520
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ctggttgctt	acaaacgggc	ctgagcccct	ggttgggtgg	gtggtggatt	cttggacgtg	2640
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<210> 8606

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (504)...(208)

<223> similar to gi3367707 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8606

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atatagaaac	tagaaatgca	gttatactga	tgtagtgcag	tttgtgggaa	atcaggaatg	180
gtgttctcca	gaatacatga	agattctcat	tgattgttgc	aaggaatcac	gaaagagatc	240
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aggtcagcta	ctccttccgg	aaggttgtga	cagttgtgat	cttttagtat	ctttctgtag	420
caagagaggc	gatttgcagg	catggcttga	actcctagca	gcaaagttag	cccaatggtg	480
aaaacaagta	ccatcagttt	cattttggct	tttggccctt	tttcttcttt	ccttttggtc	540
ttggcagagg	atgcttctta	aatgctcaca	ctcactgggt	gagtttgggc	aaaaggagaa	600
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ctgggatcga	cagactcgct	gctccagccc	aggactgtgg	ggaggagggg	agtggaagga	720
gacaaggctg	caaggactgc	ctcctttgga	agtgttcagt	ttgttccaaa	ccaggcgaga	780
acgaatagaa	cagcttcttt	acagagggaa	ataactagcc	tatacaagaa	cctcagggag	840
gcagactctg	gtagcaataa	aacataaaac	ctgagggatt	ttaaaagaac	acagcgtgat	900
ttttccctta	agaaaag					917

<210> 8607

<211> 2404

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2352)...(1247)

<223> similar to gil869810 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 8607
tttttttttt ttgtagaaag agacatttaa tactttctgtt tacaaaattc aggcgtacat      60
ttcagttttgc cctggaccgt gcccaaagct gtgtgctcat ctctgcgccc ctcatgtact      120
tctgacgagg ggggtgcagg gcagggcaga gcagagcctg ggggtccggag gcttcactgg      180
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tttgcaattg gcgatagagg aagcagatgt cggggctgcc tgccttggtc tagaggagat      300
ggctggggcc acttcccaca ggggtgaagtg gcagcggctc agcaagggga gcctggccac      360
caggggctgg gacatgcgct cactggaacc tttgtgcttg gccctcgga ggcggctgt      420
ggtcccgtgt gaggtgtgct ggggtgggtg tgggtggctg gtggtggcag cttgtgccag      480
agtacacag gcctccctgg gttgggatgg gggcagttaa aaagctgaaa aggtacttgg      540
ctttctgagg gcggggcttg ggaggcaggg ccctgcagga gaccatgttc tctgtcctca      600
ggcagatccc agctggcctc tgtcccggg ctgcaagctg acagcaggcc cgggaggcgg      660
tgaggccctc tgccttgggc ttgaggagaa ggagtgcgtg tgtgaggcgg ggggtgcattg      720
gccctggagt agggccaggg cccatcacca gcaccaggct gggagggtatt taaaaccagg      780
gtcctatctc tgagccaccc catggggacc ctcgatccca tcctgttaag gctgcgggac      840
tcgagggtag gcagtgggcc gggcccccgt cgggtcagga cggagggtgg ggctgccccca      900
gaggaacatt agtgtttcta agagcacctt agtgttgccc cgcctcggcc agctgggcga      960
gaagttgggg agcgggggat gtaagtggcg cccatggagt ggggaaggga gccgtcaccg     1020
ttgggagtca gcgctagtgt aaacaggcat cccacccac ccagataagc cccccaccc     1080
aagtgtgggg tcctgctcag ggagtacctc aagggccggg gccaggtgg cgcggcagg     1140
ctcagacacc gccctggcag caggggctcc gtggaatgca ggagaccag cagggggtgc     1200
cggccagtgt ggacggaggg gcggggcggg gacacgggtg agtcactgcg gcaggggcac     1260
aagcacctcc acgtagctga gcgggaagaa gcccgactgg ccgtccagca tgccctcgta     1320
ccagttctca tcgatctggt tggtcagcgt gatgacgtcg ccctcatgga agcccagctc     1380
cccgtcgttc tcgggctcga agtcgtacag cgccttgca ctcggctggt ccaggggcgg     1440
catgctccgg ctaggggtcc ggatgggctt gtcggaagat cggaaaagac atgaagctgc     1500
gatcttgggg gctgtggtgc aggggaagcc cccgttgga tgctcaggct ctccaaggtc     1560
aaagggtccc cggggcttcg gcttatactc ccgcttaggg cgtgaggaag cttcccgcac     1620
cctgcgcttg agcttctccg ccagctcgtc caggatctgc acggcctgcc ggtggtagtc     1680
cagctgtgca tccaccaggg ccgagagctg actcacctgc tcgatgtcag tctccaggag     1740
gttgtgcatg ctggtttctg ccacctctt ggactcctcg aacttctcca gcgcctggcg     1800
tagctcctca tcggggatct tgccctgccg cttcttcttg tagtcaaagt ccaggcggcg     1860
gccctccagt ttcttcaggt ggtgctggat ctcttcagg tctttctcgc acaggttctg     1920
gagggggtca atgaagttct gcttgacctc gatgtccagg gagtcttca cctctgccag     1980
gcgcttcatg gactcgccgg catccagcaa tgcgtcacca aagttggact cgccgccag     2040
ctccttcccg tggcggatca tgactcgcc cagaagcccc tccgactgcg ggtagccggg     2100
gttcttcacc tggccccgga tcttgacac cgtgttgagc atggtcagct tagcccgcga     2160
ggctgggttg ggctgcaggt actcgatggt cctggccagc acttctgtca ccgccttgct     2220
ggtgacatcc accttcttct ccatctcttt gaagtcatca tccagcttgg tcccctcggc     2280
ccctccgacc ttctcactga ccagctggct cgccttgtag aactgcttct tcagccccgc     2340
caccgacatg ctgccgcccg ccgcagagcc tcccgcggcg accgcgccag cgacaggcac     2400
gaaa
```

<210> 8608

<211> 694

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(695)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (509)...(0)

<223> similar to gi4062247 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8608

tgaggtcagc	gcgtagagtt	cgaaatcact	aacggtgcc	aggcccttct	gctgcaaacg	60
taatcgctct	gtaagatacg	tcagcaagaa	ttcaaaaccc	gcttaatcag	cggtgttttt	120
ttggtcttta	gtgtgcgnt	gaggccgaaa	acagccagaa	tgccagtgcg	gtcatggcaa	180
aagacccag	aaggttgacg	aaaacgttca	gtaatgcca	gccaaagcgg	ccctcttgta	240
acaaaaacac	cacttctgcc	gaaaatgttg	agaaggttgt	tagaccgcca	caaaatccgg	300
tggtgattaa	tactttccac	actggatcaa	tgttcgatcat	cctgctgaac	catgcgaatc	360
ctattcctat	gatgaatgcc	ccaatcaggt	ttgctgtcag	cgtccccaac	ggaatcgctt	420
gatgcagtgg	gttaaatcgc	atacttagca	gccatctcgc	cacgcttgcg	gtccccccgc	480
caataaaaac	tgctaaaaga	agttgtaacg	ctgcaaaatc	ctgctatttg	atttgatga	540
gtgataagt	taacgccgaa	taatcgctgt	tgccgaattt	tgccgctctg	acaggagggt	600
gcaatgctgg	ttgccgcagg	acagtttctg	gttacatctg	tgtgggaaaa	gaacgctgag	660
atttgctgct	cgttgatggc	gcaggcggct	gtaa			694

<210> 8609

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (330)...(16)

<223> similar to gi42543 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8609

tctgcaggaa	ttctttaacc	tttgaccttc	ggcattgcga	tgtctttcag	gccaccggcg	60
ttctcaacgt	gggtatatcc	catctcgcta	aggatctctt	ttgcttgccc	tgactggcgt	120
ccggcattgc	aatacacttt	cacggtgtcg	tttttatccg	gaacggcggt	ggcaatgcgc	180
tctttcactt	ccttcagggg	aatattgatg	gccccctgaa	cgtgctcttg	ctgatactgc	240
tctggaacac	gaacatcgat	ccagtgttca	gcggcgaaaa	cgggcagtga	aaacaccagt	300
gccagagcaa	gtaagccttt	tttaaacatg	taagcgctct	tctatggatg	aaaattgcc	360
tccattatac	gcctgagatt	taacaatttt	tgcgaaactc	ccctcacctt	ttataacgct	420
gtgccagtgt	attagcagcc	cgacttaaca	gcggttccag	cgccacagcc	agcaacattt	480

tcagcgggtcg	gcgagcaact	gattttatcg	cccagcccg	cacacccgcc	gggccatagc	540
gcagtgcggt	aagaagtacc	agcttgccgt	ctaatttgaa	accaggcttt	accttttgcc	600
cggcctgttg	ccagcgagta	tccataactt	tcctcacagt	tgacggaaac	ggctacgaaa	660
cgggaaaag						668

<210> 8610  
 <211> 1988  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1989)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1779)...(862)  
 <223> similar to gi598231 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8610						
tttttttttt	ttagatttgc	attcccgatc	ttgggtttat	tcaacacaat	tcttccactc	60
tacacaacaa	agtacaaaca	caatgtcatc	taaaatgcta	caaagggtata	aaactcaaaa	120
gagaaatttt	atagtactga	ctgtacaatg	aaagcaaaaa	agaaaaaaa	taaaagcaat	180
gtacatgttg	ccaagataac	ctgaaagacc	accatgaacg	gcaggcacia	ccatggctgc	240
gtgatgacct	cgcagagctg	gctctcaact	cactcgccaa	tttcagagta	cagtgggtgg	300
gtgcgggtgtg	tgcacggtg	cacggacaga	cagaaccacg	agcagcaact	accatgggtg	360
agaggatctt	tgaggggggtg	tgacccttga	ggtcagaaga	ggcctcgaga	ggccaggcct	420
aacagggttg	gcagctgcac	taaagcctgg	ggcagctccc	tttccaaaag	gacactgccc	480
agcaacagca	agggcacggc	ctggccacca	tcccaggtca	tcggggaagg	gaaaagtgtg	540
ctcccaggta	agcagggtca	aaccaccccc	aagagcctca	cttttccctg	gtggctctgc	600
cactgaactg	actcttagaa	accggaaacg	gatgagcttt	ctagccagaa	aaccggaggg	660
aatcttgaca	ggcacacagc	atccaaacca	acagcacttc	tgacgcccgg	gcccggctgg	720
cagaggggtg	ctgcttctgc	cctgcaaate	ctgccagagt	caagggtttg	ctttcctact	780
ggtcttctct	tggctagaaa	agtgacaaaa	ctgagctggg	tggggtataa	gttacagggg	840
cgagagcttc	agtggcctgt	ttatcgggag	gagttggagc	tggagcggct	cctgtggcgg	900
cggcggcccc	gggaccgtga	tctccggcgc	acgggggacc	tgccctcggg	ggagcgggac	960
cttctcctca	tccgtggggg	agacctgcgc	cacataggcg	gtgggtggca	cattctcctg	1020
ggagggctga	atctcctggg	gggtggccta	ggccaggggg	ccagcacggc	ggtggcagtg	1080
atctcctggc	catcaatttg	tcttccatcc	atgtgcttca	gcgccttctc	ggcttcatct	1140
ggattctcaa	actctacgta	cgcatagcct	ttggacagat	gggatgcat	cctttccacg	1200
ggcatgtcaa	tcattttaat	tttcccatag	gtggaaaata	tctccatgat	gtgatccttt	1260
gtcacattcc	gggtgagctc	cccaatgtgc	actttgggtg	gcttaggaga	tgggctccgc	1320
cttttctctc	ccttttctatc	tcttttaggt	ggtttggatt	tggagcggga	gcgcctcctg	1380
ttgtcgtgtc	tgcgccgaga	aggacttggg	gagccagaag	agctgctaga	gctggagctg	1440
cgggagggtg	tggagcttcc	tgagcggctg	gatgctgagg	aagagctgga	gccactgctt	1500
gagccagtgc	tgggtgctgga	gcctgagctg	gaagtgcagc	tggaccgaga	cctgggtactg	1560
ctgctaaccac	tgggaagcgt	gcgcctcttt	cgggttttgt	cccggccgcg	atccttctca	1620
ctcgactcct	tgggtggcccc	tttatctttt	gagcgatcct	tggacttctc	atctgagcgg	1680

tctttgcgtt	tggtaggtga	aggagcccta	gtgctggact	ttttattatt	ttctttgact	1740
cctagcaagc	tcttcttttt	cactcctgat	aaatccattc	tccccttctg	agggtgttcaa	1800
agcagcaatg	gcggcctcac	ttatctgaac	tctcatttct	aacttgattc	tgagaaacga	1860
tccctaatacg	attgcaattt	acgccaaaaga	gcagcatctt	cccgcgcgcg	ccacctcttc	1920
ctgcttttct	cagccgccga	ggccccctt	ctgtcgtctt	ctagcaggat	agtagtatag	1980
cnacgtat						1988

<210> 8611  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (240)...(557)  
 <223> similar to gi453964 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8611						
atccttaatt	aaattaattc	ctcccccccc	ccccccggca	ggctccaggg	gcggggcggtg	60
gccggggcgc	aacgacgggc	gcggaggtcc	ggccggggcgc	gcgcgcccc	gccacacgca	120
cgccggggcgt	gccagtttat	aaagggagag	agcaagcagc	gagtcttgaa	gctctgtttg	180
gtgctttgga	tccatttcca	tcggtcctta	cagccgctcg	tcagactcca	gcagccaaga	240
tggtgaagca	gatcgagagc	aagactgctt	ttcaggaagc	cttggacgct	gcaggtgata	300
aacttgtagt	agttgacttc	tcagccacgt	ggtgtggggc	ttgcaaaatg	atcaagcctt	360
tctttcattc	cctctctgaa	aagtattcca	acgtgatatt	ccttgaagta	gatgtggatg	420
actgtcagga	tgttgcttca	gagtgtgaag	tcaaatgcat	gccaacattc	cagtttttta	480
agaagggaca	aaaggtgggt	gaattttctg	gagccaataa	ggaaaagctt	gaagccacca	540
ttaatgaatt	agtctaatac	tgttttctga	aaatataacc	agccattggc	tatttaaaac	600
ttgtaatttt	tttaattttac	aaaaatataa	aatatgaaga	cataaaacca	gttgccatct	660
gcgtgacaat	aaaacattaa	tgctaacact	ttttaaaaaa	aaaa		704

<210> 8612  
 <211> 1748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (224)...(1195)  
 <223> similar to gi475210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8612
cacagagctc cctcccaggc ccgcgaactt ggccattcag ccgccgctgt ccccgctgcg      60
cgccctcgcg cctctgcttg agaagccagg cgctgttccc ccaccccaga agaggatggc      120
aaaggtgggt aaggacctca acccaggagt taaaaagatg tccctgggcc agctgcagtc      180
agcaagaggt gtggcatggt tgggatgcaa ggggacgtgt tcgggcttcg agccacattc      240
atggaggaaa atatgcaagt cttgcaaatt cagccaagag gaccttgcc taacatctga      300
cctagaagac gatcggaata ttggccgctt gctgatggac tccaagtatt ccaccctcac      360
tgctcgggtg aaaggcgggg acggcatccg gatttacaag aggaaccgga tgatcatgac      420
caaccctatt gctactggga aagatcccac ttttgacacc atcacctacg agtgggctcc      480
ccctggagtc acccagaaac tgggactgca gtacatggag ctcaccccca aggagaagca      540
gccagtgaca ggcacagagg gtgcctttta ccgccgccgc cagctcatgc accagctccc      600
catctatgac caggatccct cgcgctgccc tggacttttg gagaatgagt tgaaactgat      660
ggaagaattt gtcaagcaat ataagagcga ggccctcggc gtgggagaag tggccctccc      720
ggggcagggt ggcttgccca aggaggaggg gaagcagcag gaaaagccag agggggcaga      780
gaccttgct gctaccacca acggcagctc cagtgaacct tccaaagaag tggaatacgt      840
ctgcgagctc tgcaaggagg cggccctccc tgacagcccc gtggtctact cggacagggc      900
aggctacaac aagcagtggc accccacctg ctttgtgtgt gccaaagtgt ccgagccgct      960
ggtggacctc atctacttct ggaaggatgg tgcacctggg tgcggccgcc attactgca      1020
gagtctgcgg ccccggtgct ccggctgcga tgagataata ttcgctgagg actaccagcg      1080
tgtggaagat ctggcctggc accgaaagca ctttgtctgt gagggttggt agcagctgct      1140
gagcggccgg gcgtacatcg tcaccaaggg tcagcttctg tgcccaactt gcagcaagtc      1200
caaacgctcc tgaagggtcg cccaccaca gccagaatcc acaggatccc accgagaagg      1260
agagccaggt gtgccgagac catcctaagg gtccgatgtg acagcaagca agtgaaataa      1320
acaatgattt gcttttcagt gagaatatat atatgagata tatatagata tatattctag      1380
gttgggtggt ggtagatcct tgagggtcag tagtttcaaa accaaaaata ttctaagaag      1440
tcttaggatg gagttccttt tctttctgtt gttgtttccc agctacaacc aactaaagac      1500
acaaatggcg ttctgcaagg ggactctggg aggagttttc cagaatgcaa ttccgagtga      1560
gcaaatcgca tagctgtaga atgtgcgtgc ttttttgtgg acacaggagc tcctccagga      1620
gcaggctggg atcccaacta tcgctgtgtg cctctttttc aagtggaatt tgaattttta      1680
ataaacaact ttttttggca tgataaacag atcaataaaa gttttgtgaa ttccacataa      1740
aaaaaaaa

```

<210> 8613

<211> 1453

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1443)...(554)

<223> similar to gi4929651 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8613

```

tttttttttt ttcattttgc ccaaattctga gttttatttt tgctggaatc aggtcatctg      60
gcctggctgt cccaccaacc cagctgggag cctctgagtg gcctgccagc agcatctcat      120
tacaaaacag cccctggaa ccaggtagcc aaggaagcgg cccacctgaa aggcatttag      180
attgagaaga aaactgcac cttcctgaca aaggtcaggg gtcacggtga agggagggct      240
gctgggatca cagggacagc agcatcttct agcagcttgg ccataccagc cactgaggtc      300
ctaactgcag ccaagggggc gttctgcaca tgctgctcac cctctgtgct ctgttcccca      360

```



cagagcaaac	gcacatggca	acgttgggtcc	gctcagccac	tggttctgtg	gtggaacggt	420
ggatgtctgc	actgtgacat	cagctgagta	agtaacaacg	actgaggatg	ccgctgaccc	480
agggctgggg	aaggggactc	ccagctcaga	caggcttggc	tgtggtttgc	tttgggagga	540
gagtgaacat	cacagggaat	ggctcatgtc	agccccagga	gggtgggctg	gcccctggtc	600
cccgggctcc	ttctggccct	gcaggcgata	gagagcctca	acctgctgcc	gcttctcctt	660
ggcccgggtg	atggccgtct	ggaagagcct	gcagtagagg	tgcacagcca	gcggagagtc	720
gtcattgccg	ggtacagggg	aggtgatgag	gcaggggttg	cagttggtgt	ccacgatgcc	780
cactgtgggg	atgttcatct	tggctgcgtc	tctcacggcc	acgtgtggct	caaagatggt	840
gttgagcgtg	tgcaggaaga	tgatgaggtc	cggcaggcgg	accgtggggc	caaagaggag	900
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acgggccatg	ttctcaatca	ggtacgagaa	ctgccgggtg	cggcttataa	acaagatgat	1020
gcccttgctg	taggccatgt	gggcggtgaa	gttcaaggcc	agctggagggt	gcgtggctgt	1080
ctgttccagg	tcgatgatgt	cgtgggtccag	gcggctccca	aagatgtacg	gtcccataaa	1140
cctgtgccga	cagccagctt	tgtgtcccag	atggactcgg	gcacgaaga	ggcttctcac	1200
ggaaaacagt	tccttgacat	tgaagaagtc	agagtgttg	aggggctcat	tcaaaatctt	1260
gtcgttgaaa	tcggtgctgt	cctccgactc	gcggatcata	agggccgtcg	cgcttccaag	1320
cgctctgcgg	ctcgcccgag	caggccgggg	ggtcgccttc	ccgagaaagc	ccaaccagcg	1380
cgacggggcc	cgggcacccg	cgccgagtat	tcggggcagc	gcggccgagg	atgtcgccat	1440
ggctgggacg	cgg					1453

<210> 8614

<211> 7135

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (80)...(1254)

<223> similar to gil665783 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8614

atcgtagact	ctagtccctg	tggaggaatt	cgtgccgata	cctagtgtcg	actatgcgag	60
atctgattcc	ggagctgcca	tgattgaagt	ggtagcagag	ctcagccggg	gtcctgtatt	120
tttggctggg	gagggcgtgg	agtgtgtagt	gaccgtcacc	aacccccctc	cgcccacggc	180
cacttctgca	tccagtgagg	ccctggcctg	ggccagtgcc	caaatccact	gccagttcca	240
tgccagttag	agtcgagtag	cactgcctcc	tcctgactct	agtcagccag	atgtccagcc	300
cgacagccag	actgtctttc	tgccacaccg	aggtgagagg	ggccagtgtg	tcctttctac	360
tccaccgaaa	attctattct	gtgacctgag	gcttgatcct	ggagagtcca	aatcatactc	420
ctacagttaa	gtgctgcccc	tagagggacc	accctccttt	cggggtcagt	cagtcaagta	480
cgtctacaaa	ctgaccattg	gctgcccagc	tgtcaactcc	cctatcactt	tactcagagt	540
ccctctgagg	gttcttgtgc	tgactggcct	tcaggatgtc	cggtttcccc	aggatgaggc	600
tgtagcccca	tccagttccat	tcttggagga	ggatgaagggt	gggaagaaag	attcatggct	660
agctgagctg	gctggggaac	gcctaattgg	tgccacatcc	tgcgcagcc	tccatctata	720
caatatcagt	gatggccgag	ggaaagttag	gacgtttggc	atcttcaaat	ctgtgtacag	780
acttgccgag	gacgtggtgg	ggaccttaaa	cttaggggaa	ggaaccgtag	cttgtttgca	840
gttttcagtc	agcttacaga	ccgaggagcg	tgtacagcct	gagtaccagc	ggcgacgtgg	900
ggcagggggg	gtccccctctg	tgtcacatgt	gactcacgcc	cggcaccagg	aatcctgcct	960
acatacaact	agaaccagct	tctccctccc	aatccctctc	agctccaccc	caggettctg	1020
tacagccatt	gtgtccttga	agtggagatt	gcattttgaa	tttghtaacgt	cccagagaacc	1080

aggattggta	ctcctacccc	ctgtggaaca	gcccgaacct	accacctgga	caggacctga	1140
gcaagtacct	gtagacacct	tcagctggga	cctgcccata	aagggtgctgc	ctactagccc	1200
caccttgccc	tcatatgctg	ccccaggccc	cagcaccagc	accataacca	tctgaaactg	1260
gcccaccctg	gtgctagtcc	cttccggata	ctgagaactc	agcacctgga	ctctaattggg	1320
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<210> 8615  
 <211> 828  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (673)...(484)

<223> similar to gi557242 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 8615
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cacagaggct cttgcctggg tttgcttaag gtcttgggcc ctagtcttcc tcaggagatt      180
agaatccctt caggaaacac ctctaacata ctaggaggct catctattat atacctgcta      240
catgtcagcc accattctgg gttcaatatg cattctctca tttaatcttt gcagtatctc      300
tgcaaggtaa gtattattat cccagttttg ctgatgtgga aatggagttg cagagaaatt      360
aagagatata ctcaagatca cagtgttcat gtgtcatgga gccatatttt gaatcctgtg      420
agagacttca gtgctgatga tcggatgacc agaccatcaa accatgctgg agccccaggg      480
ccgatggcct gagagtagaa gaaggagtag gctttgatag ctgagcccc aaaggtaaatt      540
caaatttaac tttgttatgc taaggctata aaaaaaatg gacatgaaga agttgaagca      600
gagcatgtag agtttctgta cagagttctc gaacaagcag ttacagaggc aaaccacagt      660
gaaacaacag aagaagggaa cctggtggag atggctgctg agaagttgct ccatgaactc      720
agaggaccta tagaagggcc tacctacact cattgtctta gagcagcctt gctaaccac      780
gggcagcgag ctgcatgtgg cccaggacag ctttgaatgc agcccaac      828

```

```

<210> 8616
<211> 4219
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (297)...(2551)
<223> similar to gi2281071 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8616
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cttccgcatc ctgcgcgag aaaagtttca tttgctgtat gccatcctcg agagctgtct      180
aggttaacgt tcgcactctg tgtatataac ctcgacagtc ttggcaccta acgtgctgtg      240
cgtagctgct cctttggttg aatccccagg cccttgttgg ggcacaagggt ggcaggatgt      300
ctcagtggtg cgaacttcag cagcttgact caaaattcct ggagcagggt caccagcttt      360
atgatgacag ttttcccatg gaaatcagac agtacctggc acagtgggta gaaaagcaag      420
actgggagca cgctgccaat gatgtttcat ttgccaccat ccgttttcat gacctcctgt      480
cacagctgga tgatcaatat agtcgctttt ctttggagaa taacttcttg ctacagcata      540
acataaggaa aagcaagcgt aatcttcagg ataattttca ggaagaccca atccagatgt      600
ctatgatcat ttacagctgt ctgaaggaa aaaggaaaat tctggaaaac gccagagat      660
ttaatcaggc tcagtcgggg aatattcaga gcacagtgat gttagacaaa cagaaagagc      720
ttgacagtaa agtcagaaat gtgaaggaca aggttatgtg tatagagcat gaaatcaaga      780
gcctggaaga tttacaagat gaatatgact tcaaatgcaa aaccttgag aacagagaac      840
acgagaccaa tgggtgtggc aagagtgatc agaaacaaga acagctgtta ctcaagaaga      900
tgtatttaat gcttgacaat aagagaaagg aagtagttca caaaataata gagttgctga      960

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atgtcactga	acttaccacg	aatgccctga	ttaatgatga	actagtggag	tggaagcgga	1020
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taaaattcta	aaattctaa					4219

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<210> 8617
<211> 8866
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (424)...(5912)
<223> similar to gi2224533 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8617
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cctgtaggga tgacttaagc ctaggggagc tcttatattt gggaagcttg tgcacaggga      180
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<210> 8618
<211> 912
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(407)
<223> similar to gi4929709 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8618
tccagcgtgg cggaattcgt tgcaggaacc ttccctctac accatcaagg ctgttttcat      60
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gaaggagcag atgggttttcg agaaaaatgt cttcaacaag accagccgga ctgagagtga      180
gattgcattt tttgggggta tgaccatcgt ctacaagaac agcattgacc tcttcctata      240
cgtggtgggc tcatcctacg agaatgagct gatgctcatg tctgttctca cctgcctggt      300
tgagtctctg aaccacatgt taaggaagaa cgtggagaag cgctgggttg tggagaacat      360
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ccaaagtcaa gccaaacaag agactaacct gatgtcaaac tatgggagac tgttgaatag      660
gcagggtttg gggaaaatcc agtttggtct ccaatgcccc ggggaagcac tggcacagat      720
gctggccctc tctggaagga cttcagacag tcccaccagc cccacatgtc ctgctcttag      780
ggctcaattc caacacaagc tagatgcgtg acctgggtca attactgacc ctccccgagg      840
cttactttct ccatcttttag gatggaggta ataagggatt gtggggatta aatacatgtg      900
tgagaagata aa                                           912

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<210> 8619
<211> 1671
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (70)...(1225)
<223> similar to gi4106673 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8619
cggacgcgtg ggggtcaagat ggcgggagca gctaccagc cttccctgga gtcggcccca      60
cggatcatgc ggctggtggc cgaatgcagc cgctccaggg cccgggcagg cgagctgtgg      120
ctgccgcatg ggacagtggc cactcctgtg ttcattgccag tgggcacgca ggccaccatg      180
aagggcacga cgaccgaaca gctggacgct ctgggttgcc gcatctgcct gggcaatacc      240
taccatctgg gtctaaggcc gggaccgag ctgatccaga aagccaacgg tctccacggc      300
ttcatgaatt ggcctcataa tctgctaacg gacagcggcg gtttccagat ggtgtcgcgt      360

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gtgtctctgt	ccgaggtgac	ggaggagggc	gtccgcttcc	gctcccccta	cgaeggcaat	420
gagaccctgc	tgagcccgga	gaaatccgtg	cagatccaga	atgcgctggg	ctcggacatc	480
atcatgcagc	tggacgacgt	ggttagcagt	actgtgactg	ggccacgtgt	ggaggaggcc	540
atgtacaggt	caatccgctg	gctggaccgg	tgcattgcag	cccatcagcg	gccggacaag	600
cagaacctct	tcgccattat	ccaggggtgg	ctggacgcag	atctccgggc	cacctgcctt	660
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<210> 8620

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1318)...(855)

<223> similar to gi2282042 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8620						
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acaaatcaaa	ggaataagaa	acaataaata	gtttattcag	caaacacctc	tctgcagcag	180
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acaacaactg	aactctcatt	cattaccatc	ccattcatta	ccattttttt	ttacatacac	360
gaaacacacc	gcaatgtata	gactaataag	ccaagagctt	tattgatgca	gcaggcactt	420
tacaatgagc	ccaagagtgt	ccacctttct	tgggaagaca	ggatgtctgt	acaaactctt	480
gggttttttt	ccacttcaaa	aacacaagct	ctcccgttta	ccacagccct	tggatctgca	540
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tgacagcct	gctcaatctc	actgctcttg	aagtttgga	gcactttcag	caccacgccc	1080
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ccggctcctg	ctcgggggcg	ggaagcggct	gcccggtgc	gaattcttcc	agtggcacga	1440
ggcc						1444

<210> 8621

<211> 1406

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (216)...(944)

<223> similar to gi4689132 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8621						
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cccagggatg	gtcgggcctg	gcgttggg	tgccggcg	tgtcttgca	cttccagggc	300
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tgctggaggc	tttcataaac	caggggcccg	tgatcaagag	gaagcatgac	ttgcacaaga	900
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aaaagattta	ttagaaaatt	ctcacgctga	actggtgtag	catgtggtgc	agcattcagt	1320
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agcagtttct	ggtgtgaaaa	aaaaaa				1406

<210> 8622  
 <211> 2900  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (59)...(1651)  
 <223> similar to gi881971 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8622
gagcgccccg acggcgccccg ctcgccccatg ccgagctgag cgcggcagcg gcggcgggat      60
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ggcgccccgt agccgcttcg tgtgcacggc actgccccca gaggcggtgc acgcccgtg      180
cccgtgccc gcgatgcccc tgacggggcg cgcgagagt cccgaggagg agctgagggc      240
cgcggtgctg cagctgcgcg agaccgtcgt gcagcagaag gagacgctgg ccagcgcgag      300
ggccatccgc gagctcacgg gcaagctagc gcgctgcgag gggctggcgg gcggcaaggc      360
gcgcggcgcg gggggccacgg gcaaggacac tatgggcgac ctgccgcggg accccggcca      420
cgtcgtggag cagctcagcc gctcgctgca gacctcaag gaccgcctgg agagcctcga      480
gcccgtgccc gcgatgcccc tgcagggcgg cgcgagagt cccgaggagg agctgagggc      540
cgcggtgctg cagctgcgcg agaccgtcgt gcagcagaag gagacgctgg ccagcgcgag      600
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gcgcggcgcg gggggccacgg gcaaggacac tatgggcgac ctgccgcggg accccggcca      720
cgtcgtggag cagctcagcc gctcgctgca gacctcaag gaccgcctgg agagcctcga      780
gcaccagctc agagcaaacg tgtccaatgc tgggtgccc ggcgacttcc gcgaggtgct      840
ccagcagcgg ctggggggagc tggagaggca gcttctgcg aagggggcag agctggaggga      900
cgagaagtcc ctgctgcaca atgagacctc ggctcacgg cagaagaccg agagcaccct      960
gaacgcgctg ctgcagaggg tcaccgagct ggagcgaggc aatagcgctt ttaagtcacc     1020
aaatgcgttc aaggtgtccc tcccactccg cacaactac ctatacggca agatcaagaa     1080
gacgtgcctc gagctgtacg ccttcacat ctgcctgtgg ctgcggtcca gcgcctcacc     1140
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gtttgatgcc actcaggcat ttgtcgggga gctcagccag ttcaacatat gggaccgcgt      1500
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gacgtgtgag gagcgtctcc ttgacttgta gccgccttct cctctgtcca ggaggccggg      1680
atcaggctgt tgccatggaa gttcagggcc atagactgcc ccacttaaac tcttgtcagt      1740
ctgggctcag ggttcccaga gctcattccc caggaatctc taagaccagg gctggggcag      1800
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ggactgtctt	catcaagtat	ttccctacag	aactcctcaa	gaaaacagag	atcatttggc	2640
tagagattgt	ctgagtgact	ccaagctact	cactgtattg	gacgggagta	gtaatttatt	2700
ttaaagataa	agtgactaag	tggggaaatt	tataaagcta	aatattatat	attttatttt	2760
tcatacatgt	ttgaagtgca	aatctgtgga	tattccattt	gtaggaccaa	gtcgacatgc	2820
ccatcctgac	attgtatgct	acgagaactc	ttctgatgat	ggaatttcga	ttaaagtgca	2880
ctgaaagatg	aaaaaaaaaa					2900

<210> 8623  
 <211> 2263  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2264)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2107)...(1143)  
 <223> similar to gi3882279 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gggacaccaa	aaagcagcag	cagcagccag	agggagttaa	aactgcatct	caaaacaaag	120
gcggcagagg	gcagcattta	cagcaagact	ttcttactca	aactgtttca	agacaagagg	180
gagcagcaca	cttaaataatc	cacacatttc	ttcattttaa	aacatcactt	ctttattttca	240
aaggaaaaat	aaaagaccct	cccaaccctg	tccaaaaaaa	accaataaat	aataataaca	300
ataataaaaa	atcctattag	aaaccataag	gaagcactga	gagtttgagt	attacattct	360
tcaagtatgc	tgttcggatt	ttttattttt	aggttggtaa	ctatacacat	ataaaaaaac	420
cttaaaagtg	cggccaaggg	attttgctta	aaattaagta	tttagagggc	tacttaaaaa	480
tactgtagta	ggactgtgca	gtgatccttt	gggggatgat	gctttcactt	ttgtatcctc	540
gtcaagggtta	aggggcaggt	tcaaaagtga	tcatacttcc	aggattagcg	taagtggcca	600
acttggtgga	gaaagccaga	gagatccatg	tgttcttcca	cggacaacga	aaatccaccc	660
cgaatccaaa	aattcagaca	tggaatgtgg	taggatttca	cagtaaagtt	agtctgggat	720
agggagaggt	gatgagccca	gacaaggcag	ggtgttaggt	ttaactgggt	tgccctcatc	780
aggttttcgc	atcttttttag	tgggttttag	tgagtcctt	caagccacaa	tttagattgc	840
ccttcggtgt	gctccagatt	gttggttcac	attaaaggac	tgttttaaga	tttgcacccc	900
aaggaaaaatc	atgctacata	aaaatgatcc	aagattttcg	cccaaaaaac	ttcttggtata	960
aaatctaaaa	aatactattg	caattgcgtc	tcttgaagaa	aaaaacatta	ttctaaatgt	1020
aaacagattc	actcaactct	ttttttgttg	tagaaaactt	cagagtaggt	aagttgctgt	1080
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agaaaggcaa	taaaaaccac	aaggaataaa	gtgctgaacg	tcctgttgcg	agtcttcatg	1260
agggggacca	cacagttggc	tacagtggag	acaaagacca	aaaggactgc	catgacagcc	1320
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tccatgcttg	ccagttcctg	cttcaagttc	aagatttcat	tctgggtggag	ctctgttagg	1560
tcatttagct	gttcttccaa	tcgttcacat	ctatatcgct	cctcctgtaa	ggtctgcatt	1620
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ctagactgaa	agtttgaaat	cactcccaaa	gccttccccg	catcatccac	ttgcccttcc	1920
tctaaagagt	ccttcagggt	ggggatgttg	tctgcactgc	caaatttggt	ccgaatgagt	1980
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gctcgtacat	ccgtcagacc	ctggtgcgtg	tccatgaaga	catcctttgg	cagccggggg	2160
atcccattcc	gctctacctc	tctgagcttc	ctgtggtaga	gataaagttt	cttttcagct	2220
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<210> 8624

<211> 1485

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1204)...(328)

<223> similar to gi452276 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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caggagaggt	gcaggggacc	aggaggtgtc	ctggcaciaa	ggttcggggg	tctccctggc	180
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gggcgtctgt	ctgcctccag	gtcatggcag	tgcaggcggg	gagctggggg	ccggcagggg	360
cgcggaacagt	gcggcggtgt	cgaacagagg	ggtgcgcacc	tccatttccc	cggtcggggc	420
caggcccggg	cactcgtaca	ccgtgaagtc	tccgtcctca	ttctcctcat	ccgaggaggc	480
cgtgtccagc	tccttggttg	gctctttatg	ccgctccagg	cacagcatct	gttgccgttg	540
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cacacagaac	gccaggatca	gcacaagggc	gaggcgcgtc	ccttgccctc	cccggggctc	780
caggggcgac	atgtgcaccg	ggtcgggatg	cacaggggag	cccagggagg	tgtggggcgt	840
gggcgtgggg	gttcctggag	tggaggggag	gcccagctcc	agccccctgc	cccgtgccga	900
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gtgtccagac	tccttcgggg	caagctcctg	ggccaggaag	tcaatctcat	cttccagtct	1020
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gtcctcctgg	aagggtgtaa	ggcagggccc	acaggcatgt	gcaccaggag	gacaccttgc	1140
ccgcctcttc	agggcacagt	ccaggctccc	gggacaggcg	gctacatccg	ggaaggaagc	1200
agaaggcagg	gccggctcac	ggccccgcag	ggctcggccc	ctgcacacgg	cagcgctgcc	1260
ccagccaccc	gcccccgta	ccccccgagc	tggccggggc	tggttctggc	cattgttctg	1320

gacatgccct	tcctccctga	cgccagggct	cagaaccg	aagcgaacag	tcctaggact	1380
tatcagaact	accctgcccc	accctcccc	agggtccact	tccaggcctg	atagagccct	1440
cagctcagaa	gctgcctcgt	gccaaagctag	gcgaataggt	aatag		1485

<210> 8625  
 <211> 4291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (984)...(2533)  
 <223> similar to gi5917732 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gccccgggac	cctaaccagc	tcccgggcg	gttcctccg	tctgggcgtc	cgagcgctgc	180
ccacatcttt	cattcctccc	tgcacctcct	tcccttcact	tttgcccccg	ctctctttct	240
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gggggagatg	taggaaggcc	tgagagttcg	ggggggggga	agctggaagc	tggtttccca	420
aaaaatttcc	ccccatcttc	tccatttagg	ggggggggga	tttttttaa	tcctgttttt	480
gacggagggg	gggggtgttt	aggaaaaagg	atgtgggaat	ggaaggggta	gatgagtcaa	540
ccctctttca	agattccaac	gggtggtgtg	ttacctgac	cttttcgtgt	gtggagtcca	600
gggggtcggg	aggtttgcc	tttattccca	cattcaaagt	tggaacctcc	cccaaattaa	660
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gatatggagc	ctttggtgtt	gtctggtcag	taacagatcc	aagagatgga	aagagagtag	1440
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tatttgagcc	attcctaaag	atttggggtt	ttctaaaact	aaagaatcta	ggaaccttgc	3000
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aggaggggga	tgccacctaa	tgatcaagcc	ctataattag	cttctcatta	aagccgtgat	3120
ggatgatgtg	gctgtctaaa	atccaatgtt	gtgggtagag	agaatgagtt	tgtgactagg	3180
agagactaaa	cttttggttt	ccttaccag	tataaatata	tatatatata	tttaattctat	3240
ttttattaga	agtttttctg	ctctttctta	cataaaagaa	ccccaagcat	gcatctttca	3300
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ttagtatcaa	aagagcccaa	aaagaccttg	gtgtgaaagg	tacaatctca	aagggttggtc	4200
aattaccgtg	gcacactttc	tggtcacttt	gtacaatgta	aatttgaagt	acagtgggtga	4260
aaacattaaa	tgtgacattt	gaaaaaaaaa	a			4291

<210> 8626

<211> 3739

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3740)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (20)...(2493)

<223> similar to gi6007619 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

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cgaagatctg tctgagatca ctgatgactg tggcctgggc ctcagctacg actcagacca 180
ctgtgagaag gacagcctct ccctggggcg ctcggagcag ccgcaccca tctgctcctt 240
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cgaggaagag gaggaggagg aggaggagg agatggggaa ggccaggagg gaggagaccc 360
tggctcagag gcacctgccc ccggggccct tatccctcc ccttccgtgg aggagcccca 420
caagcaccgg cccaccaccc tccgtctgac cacactgggg gcccaggact ccctaaacaa 480
caacggaggc tttgacctgg tgcgtccggc ctccctggcag gagacagcgc tatgctcacc 540
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cggggcgcag tcgccagtgc gcccggttg cgactgcgaa gggaaccggc ctgcggaacc 660
ccctgcgcca ggggggactt cgccctctc agatcccggc atcgaggctg acctgagaag 720
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ccaggacccc gaggcgcccg cggggcccg cggcgtggag ctggtggaca tggagacgct 1260
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atgtcggctt ccaagtgatg ccctcctgac actccctgc gatttataag ggaattttaa 2940
tttttatagt gaatctcaag gcatcatccc atccttgacc acagggacaa gaggggcccc 3000
ctcgccccag cccacccca catggagctc agggggaagc agggaggggt tcccaaaaga 3060

```

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ttgtggcaat	ctcacccttt	tagctctttc	cgaaattgtg	ccgggggtcc	ctgcggtgct	3420
gctctggggc	cttatctgag	gtgccgtatc	tagaagcacc	cttgggaatt	ctccctagat	3480
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cggactgggg	gccagcacgg	ctcaggtcag	tgtgtagtgg	gggcatgaac	tccttgaaga	3600
acaatctggc	cgggcacggt	ggctcacgct	tgtaatccca	acgtgtcttc	aggtctcttt	3660
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cttccacctc	tctgcagct					3739

<210> 8627

<211> 1080

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (278)...(35)

<223> similar to gi5457683 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8627						
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tctttaatat	ctgggatcaa	aaactttcca	ctctgatgaa	gcatagtcac	attatgacca	180
tgtctttgaa	gaatctgaga	caccgggtcc	aacagtaggt	aatggcttcc	accagtgta	240
gatattgtca	ggattttggc	agcctctgag	agcaggaccc	cagaaaagaag	gaaggccact	300
agaagcagca	cccgtgccc	aaccatgctc	acttccacag	aagcagcgga	tctcagcctg	360
ggctgcgcgc	cctgcgccgg	gctaaggact	ctgtgcgcgc	ctcagtactc	caaaggcact	420
ggctgtgggc	ctaggaagag	gaaatctgga	aacctacagt	ctccatgcct	gctcagccaa	480
gaaggagctc	actgtgggca	ccagagacag	ggacccaatg	tggagacctg	tgagcctgtg	540
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agaacaaaac	agaaaactgaa	agaatatgca	aggtgtcttt	cttggatgtt	attccatgat	660
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cagggtgtga	ttcggagagg	cgcatgagaa	ggaagggtga	ttttaaggct	ggaaatctga	780
gggtcagtgg	tccaagtcac	tcagagacag	aatcacagca	tagcccttgc	tgatggcaaa	840
caaaggagga	caagaggact	ggaaagaatt	ctgctagcag	gcaggagcta	gtaaggatga	900
attttagca	aaatttagcaa	gtggaaagga	tgatttttgg	ccatttttcc	tgttcttcaa	960
gaaaacagga	gataactaga	aggactagag	aatggggctg	ccagaactag	tgggaagctc	1020
cctagaaatg	gtgacatcgc	ccaccaaaaca	gaccccgcca	aggctgcacc	tggccttatg	1080

<210> 8628

<211> 2957

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (134)...(1156)  
<223> similar to gil770163 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 8628
gcaattcggg cgcgtcaggc cgcgacgagg gcgctgagac aaatttacat gtattggaga      60
ccagaccaga agcccttctg aattaagatc tcacattctt gaagggtggca ttgaagagca     120
ctaagatcgg aagatgagtg agcttgacca gttacggcag gaggccgagc aacttaagaa     180
ccagattcga gacgccagga aagcatgtgc agatgcaact ctctctcaga tcacaaacaa     240
catcgaccga gtgggaagaa tccaaatgcg cacgaggagg aactgcggg ggcacctggc     300
caagatctac gccatgcact ggggcacaga ctccaggctt ctcgtcagt cctcgagga     360
tggtaaactt atcatctggg acagctacac caccaacaag gtccacgcca tccctctgcg     420
ctcctcctgg gtcatgacct gtgcatatgc cccttctggg aactatgtgg cctgcggtgg     480
cctggataac atttgctcca ttacaatct gaaaactcgt gaggggaacg tgcgcgtgag     540
tcgtgagctg gcaggacaca caggttacct gtccctgtgc cgattcctgg atgacaatca     600
gatcgtcacc agctctggag acaccacgtg tgccctgtgg gacatcgaga ccggccagca     660
gacgaccacg tttaccggac aactggaga tgtcatgagc ctttctcttg ctctgacac     720
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catgtgccgg cagaccttca ctggccacga gtctgacatc aatgccattt gcttctttcc     840
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tgctgaccag gagctcatga cttactccca tgacaacatc atctgcggga tcacctctgt     960
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ctgggatgca ctcaaagccg accgggcagg tgtcttggtt gggcatgaca accgcgtcag    1080
ctgacctggg gtgactgacg atggcatggc tgtggcgaca gggctcctggg atagcttcct    1140
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acctccccct agaacttcaa aagggaaga tcttttttcc ttcacttatt gctgaaacca    1320
agagcacaat tcccattgag agaaagatct ctgtgctgta aactaaaaca aattgtgcat    1380
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atataataaa aatgttaacc agaaggtaaa cttgagtgtg attgtcagac agacacactt    1500
ttccaccagt gtatttgaat tttaaaccag tgaccctgtt ttgtggcatt catgcaaac     1560
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aaaaccagag agtctagggc agcctctctg atgttgtcaa tgatgtaa atcagtccttg     1740
gtttttaatt ttctgtctga tgtcacagat cattgttgca cacaacgtg gcatagaaaa     1800
gaacatgttc agaagccatg gggccaagca catgcgggga cggctcctcaa tgcgtgatca     1860
gagaatcctt cacctttgct gaaaagttag ctcagatcca gcacctgtt cctcctgacc     1920
catcctgtct atcttctcag ttgagttttt aatctcactt tgggtttcct tgtgaagttg     1980
gagggaagtt tataatagcc taacactacc ccacccccaa ctaggaggaa cctctgtttt     2040
caagagagat gcctgtcctg tgcttgata gtcagtcaat tatttgtgta tgaacaatg     2100
tacaaatcaa tgttttgaaa ataatgatct cagactttct aagttaaatt ttaaaaattt     2160
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gattcttcag ggccctccac atctgaggtg gctcattccc atcacacaca gattgtcctg     2580
gtgttcattt caaggccagt gttcagcagc agcgtttgga aagcaggttc tgtgggaccc     2640
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cccgccccgc	ccccgcact	ccttcatagc	agcagtagtg	gcttctccat	cctgttttct	2700
gcaacattct	atacaaaact	gtgctgtgac	cttgcggtag	gcctggatct	ggcaaagaga	2760
atacaaatga	aaccctttct	ttctctttcc	gtccaacaac	tctgtagagc	tctctgcacc	2820
cttacccttt	tccacctttt	gtattttaatt	ttaaagtcag	tgtactgcaa	ggaagctgga	2880
tgcaagatag	atactatatt	aaactgtact	gttatttaag	atgtaataaa	gcagtttgac	2940
atgagggaaa	aaaaaaa					2957

<210> 8629

<211> 1821

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (688)...(1093)

<223> similar to gi2852645 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8629

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atttagagag	ctcccttccc	acctctctgc	ccagccttgg	gaccatgctg	tcccagggtc	180
aaggataaaa	accatcaggc	ccaagtgcc	tccatagtcc	atctccagag	tcttctcca	240
caaactggga	ttcatccccg	ctgaaaaagc	acaatctaac	agcaaggga	caaaaaaac	300
atgctatcac	ataatactat	gatgaagcag	agaaaacagc	aagcaacagc	catcatgaag	360
gaagtccatg	gaaatgatgt	tgatggcatg	gacctgggca	aaaagggtcag	catccccaga	420
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cgtcaaagaa	gatctgacaa	atacacattt	gaaaatttcc	agtatcaatc	tagagcacia	540
ataaatcaca	gtattgctat	gcagaatggg	aaagtggatg	gaagtaactt	ggaagggtgg	600
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gacaacattg	ctccaggata	ttctggacca	ctgaaggaaa	ttctctctga	aaaattcaac	720
accacagctg	tccctaagta	ctatcaatct	ccctgggaac	aagccattag	caatgatccg	780
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tcagaagacc	tatgaaaaga	aagttgtatg	tgccacataa	aactctgaat	ataaaaagttg	1140
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gatattctcc	aaaattcaat	tcagttatta	tattcattta	gcattaagtc	aaggagactg	1740
agaatgactc	aagggaagtc	atagtaccat	agtttttaagg	accaaggtgt	gcccagaatt	1800
caagtttcac	aatcccaat	g				1821

<210> 8630  
 <211> 921  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (81)...(333)  
 <223> similar to gi4884077 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8630

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acttcctcga	tgggagcatt	caaaaactaa	tacaagctga	gattatattg	tctgacaatt	180
caagtatttt	agttttagaa	aacaatttcc	tatttaaagt	aaaaagcaaa	caatttatcc	240
atctgattgc	taagaagttt	tacatctcca	ttacaattgt	gtctgcatca	aacggagagt	300
ccttcgtcct	cagtatgatt	gttactggct	gagaacatac	ggtgacctgt	gttctgagtg	360
cctgcttgga	aaagacctcc	ctgtcatctg	ccatactacg	ggacaaatca	gtatctactc	420
aaattcccac	ttccagaatg	agaggactca	tcaggggttt	aggagtgttc	aaagccttca	480
aaatgtatcg	tgcttgaatt	ttgactcttc	tgaaatagaa	taactgacaa	atgctcaaaa	540
aacaaacttg	tttaactttt	actgaaaagg	ctctcagtga	aaacttggtt	tgaactctac	600
tagtaaggta	gaatattagt	ttttcttccc	ctccacacca	gaaaaggcag	ttttctcttt	660
tttttttttc	tggcatgcag	catatataaa	atgtgatcta	gaattgaaat	tgtaaaacag	720
aataatcctc	ttaaagaaaa	tcagcctatg	aacagtcaga	cttgtccttc	catggaaaac	780
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agatgggcat	aacaaatttt	tttgcttact	agggaatgcg	caaaagggat	gagatgggat	900
acacagggtt	taaaaaaaaa	a				921

<210> 8631  
 <211> 1325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (406)...(813)  
 <223> similar to gi5932558 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8631

aggcgccgga	gcccagcggc	tggcgccaga	tccaggctcc	tggaagaacc	atgtccggca	60
------------	------------	------------	------------	------------	------------	----

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tgaatgttgg	gaagaggaat	gccagagctg	ccggctgaaa	attacccaac	caagagaaat	180
taggctggg	tacctgaat	cacccctgc	aggatggact	ttctggctct	cttcttgctc	240
tacctggctt	cggctgctgat	gggtcttggt	cttatctgcg	tctgctcgaa	aacccatagc	300
ttgaaaggcc	tggccagggg	aggagcacag	atattttcct	gtataattcc	agaatgtctt	360
cagagagcca	tgcatggatt	gcttcattac	cttttccata	cgagaaacca	caccttcatt	420
gtcctgcacc	tggctcttgca	agggatgggt	tatactgagt	acacctggga	agtatttggt	480
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aaaaa						1325

<210> 8632

<211> 2676

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1217)...(1718)

<223> similar to gil360492 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8632

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tcaaggaaag	aagcaaagg	aatacctcct	ctgaaaaatg	gcagaagcag	ttttccatgc	360
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<210> 8633

<211> 1330

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1331)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (73)...(848)

<223> similar to gi5670007 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8633

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gagatccgga	agaatcctga	gttccgtgtg	cagttccagg	acatgtgtgc	aaccattggc	300
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anccattaag						1330

<210> 8634

<211> 2193

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (173)...(1130)

<223> similar to gi5725223 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8634

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acgcttcact	gaagaagtca	ttgaatactt	ccagaagaaa	gttagcccag	tgcatctgaa	240
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ggacaaagac	atgcagcaaa	agaacagca	gtttagggag	tggtttttga	aagagtttcc	420
tcaaatcaga	tggaagattc	aggagtccat	agaaaggctt	cgtgtcattg	caaatgagat	480
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gtctcccccg	gacgcccagc	tttaaaattt	ctctcttttg	tactctgtcc	ttctatttct	2160
caaaccggcc	aacacttagg	gaaaatagaa	aag			2193

<210> 8635

<211> 1115

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (666)...(800)

<223> similar to gi2062680 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8635

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tacgccccggg	ggggggggaag	gtaaaattttt	ttttttgggg	ccccaaaatt	aaattccggg	1020
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tggaaaaaaaa	cccctttttg	gcaggggggg	gaaaa			1115

<210> 8636  
 <211> 4114  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3677)...(3328)  
 <223> similar to gi4884355 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8636						
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ggagcctggg	gaacagctcg	ggagtacagg	tgaaacttct	cgaattgcct	gttccttctt	3420
tctgaaaatg	acaaattgca	gaatacacag	acacatgcac	atgaaatttt	aataaagata	3480
aaaagcctaa	aataactctt	aactcttcaa	aaaacatttt	tatgaaagag	gaaaggaagg	3540
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ctttggttgt	aacattagca	gggggaagac	agctgcttag	aagcatgggtg	ggaagcagat	3720
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acctgatagc	ctaaaacagt	atcacttgag	tcattggacta	aaaggaacct	taaacattgt	3840
ccagcccagc	ccaggtgtcc	atctctgttg	cactgagact	tgtaaggcgt	ccttgctgct	3900
tcgtggcagt	gtgccttagc	tttccaagca	ggggtctgaa	tagctttttc	catgaaaatt	3960
caggggtctt	tctttgatac	ccttgtgaac	ttgtcattca	ggggatggct	tccactgttt	4020
aaggctgaag	cctaggtgat	ctcatagaac	agggttcacc	aaataaggcc	catgggccaa	4080
tttggccacc	acctgttatt	gtaaataagt	tttt			4114

<210> 8637

<211> 3661

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (899)...(2106)

<223> similar to gil072250 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8637

aattcccggg	tgcacgattt	cgtcaggctg	ggagtgagaa	ggaccggcct	gggctgactg	60
ctctcccctc	gcgcctaggg	agccggctcg	agagcgcgat	tggggtgcgg	agccccgacg	120

ctgccctgcc	cgggatttca	ttccgcgggcg	ggggctccgc	gagcgggaatt	ccggcgggctg	180
ccgtgactcc	agtgcacgt	gacgacagca	tgtacgatcc	ctgaatgggc	ccgtgggcat	240
athtagtcat	tcatTTTTga	tcaggagaaa	gaagacagcc	atcatttgaa	aggtaaagct	300
tcagcgactg	aaggagtgtg	gactTTTTga	atttcaagaa	cagtaaagtt	ggaacacagc	360
agagggtgtg	taataaaata	cagattggaa	agaagactga	tgaagaaaaa	taacagcatg	420
attcaggcac	accattgagt	tctttgggat	gcccgaaggt	gtctgggttg	gaaacatgaa	480
atagaagacg	agaacctgcc	tcagcaagcg	tacctgagaa	tactttttaa	ggaacctgtt	540
gataaatgca	aaacagtggc	tgttgacagg	gatggaactg	tactggaaca	atggggagaag	600
ctggtagctt	ataggaagcc	aagatgacca	gaatgttttt	aaataatcca	aggaagaatc	660
ctgctcaaaa	atgaggtgaa	ttaatacttg	ggcgctcagg	aaccttgga	agctacatga	720
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gtcacccaag	aagggtggcag	actggctgct	ggagaatgct	atgccagaat	actgtgagcc	960
tctggagcat	ttcacaggcc	aggacttgat	caacctaac	caagaggatt	tcaaaaaacc	1020
ccccttgtgc	cgagtctcct	ctgacaacgg	gcagcggtc	ctggacatga	tagaaacct	1080
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gtaccccatg	gagtggggca	agacttttct	ggcctttctt	tatgcacttt	cctgtttcgt	1320
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caagtctatt	attagcagaa	gatttttctg	catagtgggc	acgctgtacc	tgtatcgggtg	1560
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gcttttcgga	gactgggaag	ccaactgcg	aagaataatg	aagctcattg	ctggagggtg	1680
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tactggatt	tgctggcttc	tcagcgtagt	tggaaatctc	tgtattctct	tagcgcatga	1860
ccactacact	gtggacgtgg	tggtggcata	ttacatcacc	acgagactct	tctggtggta	1920
tcacactatg	gccaatcagc	aagtgtctaa	ggaagcttcc	cagatgaacc	tcctggccag	1980
ggtgtgggtg	tacaggccat	ttcagtactt	tgaaaagaat	gtccaaggaa	ttgtacctcg	2040
atcttaccat	tggcctttcc	cctggccagt	agtccacctc	agtaggcaag	ttaaatacag	2100
ccggctgggtg	aatgacacat	aacagctgta	caaagtgggg	aaaagacaaa	ttgtccgaag	2160
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ctctccaaag	gacctgcgtt	ggacaacaat	aaagaaaaat	ttaacctatc	atgcactgta	2340
cacatttctc	gttcataagt	ttgggattta	cataaccgc	aaccaccatg	ttcctttgta	2400
tatgatgcag	cagcataaat	gtaagctttt	atatcataag	ttctggctct	tccagtcaca	2460
tctggaaata	aagcgtatta	tttcttggg	aaaacatact	ttcatatct	cttgcccaa	2520
agattgggct	gtaagccatt	ttctagcaaa	tgtctctatg	aaggtttcta	agtacctgaa	2580
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aaatttaaaa	atgcatcttg	ggagagaaat	ttgtctatgt	ttctagtgcc	tttcttctct	2880
tgattgtatg	gtcagtaggc	aatcttaaat	gttttttatt	aaaataaagt	attccttgaa	2940
aatataaata	tatgtataca	ctactaaatt	ttgcatttat	agctaaattg	aatcagaaga	3000
ctgcttatgg	ttttaaaatt	gcaatgactt	aaataatgag	gttggttaatt	agagtcagag	3060
cctgttcaca	tattgtgatc	aggtagcaat	gacatgtacc	acttaaatta	ttttatcgtc	3120
gatttggtag	ttcgatttta	actactcaat	gaaaacagcc	atgaatatct	tttcttaaag	3180
agagttttga	aaatgatcac	ttacctaaaa	cttgaaagct	atgaattagt	tatccatact	3240
ctcatgacaa	ttttgttgg	gaacaacaaa	aaagagatct	atttctttta	aagatatttg	3300
tgcaaaaact	gcatgtaact	ctaagtttta	ctcctaacat	acatatgttt	ggggaagtat	3360
tctattctat	acttgccaat	gtggagaaca	aaatagtttt	ttaagaatga	agaagtatat	3420
atatccattc	tgtattttac	gtgcagcaga	attatcttcc	gtaggatttt	tttgtgtatt	3480
cacaaggtga	tatttgtatt	gtaaaacaat	aatggtgaag	gaaataaaaa	ggctttttaa	3540

atTTTgTTTg	TTTTAAAtct	ttgTAAagtt	attattccag	agagtatact	ggtatcTTac	3600
agcTTaccta	gatcataaat	taatcaaaat	gcactTTTTa	ataaaaaactg	atacTTaaaa	3660
t						3661

<210> 8638  
 <211> 2363  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (713)...(1540)  
 <223> similar to gi4126978 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8638						
TTTTTTTTTT	ctattgattg	catgttgaaa	tcttactttg	gatatattgg	attaaataaa	60
gtatatcatt	aaaattttta	agcttatgtg	cctatgaaaa	acttccaaat	tacacagttg	120
gatggcgTTa	tatttctctt	ggacagcagt	ggtctgaaa	atgacaaaaa	tcacgatacg	180
tttgaatcac	gccatgtctt	tagggaaaag	aagaaagaag	agtttccttt	cgtatcgctt	240
aggggttctt	cgcaagaacc	atctgacaga	gaaaagccct	ggctcccgcc	ccagtggctt	300
ctaattctgg	tccccgcgcc	cagaaagccg	ggaacgggca	agcctggaaa	ggcgttttga	360
aaggaaacag	gatccccga	gtataggatg	cgtttctgcc	tcacaaaagt	cccttggggg	420
tggggggacg	gcagcggctg	aggcgcagga	aagaggagag	cacacgggga	gtggcccttg	480
gaaccaggcg	cgcaaaacct	cagcccctag	gctccatttc	caggttcgcg	ggtgacctcc	540
ccaagatggc	cgccgcctgg	gggcgggcct	ccacgctgca	cgggtgttga	ttgggtgaga	600
cgactcaatg	gtgagcaatg	attggttcac	acggcgcaag	ctgggcggaa	ccggaagatg	660
gtgtgagcca	cgggctgcgc	ggggcctggg	gctcggcgtc	ggtccccggg	ggatgtggag	720
agctggcagc	atgtcggccg	agctgggagt	cgggtgcgca	ttgcgggcgg	tgaacgagcg	780
cgtgcagcag	gctgtggcgc	ggcggccgcg	ggatctccca	gccatccagc	cccggctagt	840
ggcggtcagc	aaaaccaaac	ctgcagacat	ggtgatcgag	gcctatggac	atgggcagcg	900
cacttttggc	gagaactacg	ttcaggaact	gctagaaaaa	gcatcaaate	ccaaaattct	960
gtctttgtgt	cctgagatca	aatggcactt	cattggccac	ctacagaaac	aaaatgtcaa	1020
caaattgatg	gctgtcccca	atctcttcat	gctggaaaca	gtggattctg	tgaagtgggc	1080
agacaaagtg	aacagttcct	ggcagagaaa	aggttctcct	gaaaggttaa	aggttatggg	1140
ccagattaac	accagcggag	aagagagtaa	acatggcctt	ccaccttcag	agaccatagc	1200
catcgtggag	cacataaacg	ccaagtgtcc	taacctggag	tttgtggggc	tgatgaccat	1260
aggaagcttt	gggcatgata	ttagtcaagg	accaaateca	gacttccagc	tgttattgtc	1320
cctccgggag	gagctgtgta	aaaagctgaa	catccctgct	gaccaggttg	agctgagcat	1380
gggcatgtcc	gcggatttcc	agcatgcggt	tgaagtagga	tctacaaatg	tccgaatagg	1440
aagcacgatt	tttgagagac	gggattactc	aaagaaacct	accccggaac	agtgcgcagc	1500
agacgtgaag	gccccgctgg	aggtggcaca	ggagcactga	gccagggaat	actgagagca	1560
ctaactatgc	actaacctag	attttcattt	cgatattccc	tgtgtcccag	cgcagtcctg	1620
ctctcctgtg	acctgtggag	agcactaatg	atcacgtgtg	ttgatggaaa	ccatctgtgc	1680
ttagtctctg	acataggaag	cttgcttcag	gcaatggctt	tggattgagt	ttgagaaatt	1740
caaacatttc	tgcagaacag	ataccaaate	aatagctagg	aatcatgttc	aatattgaat	1800
tctgcccagg	agcatgaact	gatccatgaa	tgctttttcc	aggttaaaaa	ttggtcactg	1860
atgcctataa	tcgtggaagt	cagaggggatt	cccccttttc	atctcatttt	aataggaaaa	1920
ttccttatgg	ttaacatctc	cctacaaact	cctactacgt	cgtctaaatt	gctgctctgg	1980
aataaggtga	tttctgcccc	cagattcttc	cctagccggg	agatacgtga	agatattccc	2040

aactgtggaa	tggcagtgtg	ggtagcttca	ggaaatggct	caggttaatt	ctcaaaacac	2100
aaattgttgc	tggccaggca	tggtgactca	tgctgtaat	cccagcaatt	tgggagacag	2160
aggcggaagg	atcacctgag	cctaggagtt	caagaccagc	ctcagcaaca	gcaggagccc	2220
cacccccctg	ctctacaaaa	aaatttaaaa	attaactggg	catggtggct	gaggtggaag	2280
aatggaagaa	tcacttgagc	ccaggagttt	gaggctgcag	tgagctatga	ttgcaccact	2340
gtactcctgc	cttaaaaaaa	aaa				2363

<210> 8639  
 <211> 1452  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (18)...(831)  
 <223> similar to gil913785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8639						
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tcccccttgt	gtgtctggag	ctccggcggtg	ggatcccggga	tataggaatc	aaggattttc	120
ttttgctttg	tggccggatt	ttgctactgc	ttgctcttct	tactttaatt	atttctgtga	180
ctacctcatg	gcttaactca	tttaaatctc	cccaagttta	tctgaaggaa	gaagaagaaa	240
agaatgagaa	aagacaaaaa	cttgtgagaa	aaaaacaaca	agaagcacia	ggagagaagg	300
ccagcagata	catagagaat	gttttaaaac	ctcaccagga	aatgaaattg	agaaaaactgg	360
aggagcgctt	ttatcaaatg	acgggtgaag	cctggaaaatt	aagcagtggg	cacaaaacttg	420
gggtgatga	aggtacaagt	cagacatctt	ttgaaacatc	aaacagagaa	gcagcaaaga	480
gccagaactt	gcctaaacct	ttaactgaat	ttccgtctcc	tgctgaacag	cccacatgca	540
aggagattcc	tgattttacct	gaagaacctt	ctcaaacagc	agaagaagta	gttactgttg	600
ctctccgatg	tcccagtggtg	aatgtcctga	ggagaagggt	tttgaagtcc	tacagctcac	660
aggtcttatt	tgactggatg	acgagaattg	ggtaccacat	atctctatac	agcctttcta	720
cttcctttcc	cagacggcct	ctggcagtgg	agggaggcca	gtcgctggag	gacataggaa	780
taactgtgga	cactgtactc	atcctggagg	agaaggagca	gaccaactag	gaaagaaggg	840
agagctccct	gtttgcatga	agtcagttaa	gctatgacct	tctggcacia	taaaggcttc	900
actttcaaat	cacaccatac	cttgattgag	ctcatggcag	taaaactttga	acattgatata	960
ccatgggaat	aggattagaa	aaggattgct	ttctatatata	aataatctgt	ggactgtgcc	1020
attttacagt	gtaccaaagt	agaatgaggt	tgaaatgtat	gcagtaagggt	actcagtaat	1080
taattggtat	tttttcccag	ctgacatgat	ttctcagtgt	tagaaaacaa	acccttagaa	1140
ctttcctttc	tgctctttca	atccatctta	ccacacaata	tttcatgatt	caaattcttc	1200
aaagtcttat	acgcaggaat	gtttattctg	ctgtatttct	gtggaaatta	aaaacttgga	1260
aaaagcttca	aaagctcttg	gaggctttaa	agttctttct	gttgggtgtg	cattacagtt	1320
tacttaactg	atgtttggcg	atttatataa	ttttggcctg	ttattaaatg	ttacaaagtt	1380
cctaaatgaat	cagtatttta	aaaaataaaa	ctatgaaagc	cttaaaaaat	aggtgaattt	1440
ttaaaaaaa	aa					1452

<210> 8640

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<211> 1316
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (158)...(856)
<223> similar to gil244515 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8640
gcggccgcca acgcccgcg gactggagcc ctgacattgc tgcgctctgg gggctccagg      60
cagcccgtat cggggccttt atttctcgtc ggccgcccgc tgcaccgcgc ctcgcaaagc      120
caaacaccag agcaccctag aagggtttaac taaaagaatg ctcatgtttg acccagttcc      180
tgtcaagcaa gaggccatgg accctgtctc agtgtcatat ccatctaatt acatggaatc      240
catgaagcct aacaagtatg gggctcatct ctccacacca ttgcctgaga agttctttca      300
gacccagaaa ggtctgtcgc acggaataca gatggagcca gtggacctca cgggtaacaa      360
gcggagttca cccctctcgg ctgggaattc gccctcctct ctgaagttcc cgtcctcaca      420
ccggagagcc tcgctgggtg tgagcatgcc ttcttccagc ccaccgataa aaaaatactc      480
accccttctt ccaggcgtgc agcccttcgg cgtgccgctg tccatgccac cagtgatggc      540
agctgccctc tcgcggcatg gaatacggag ccggggatc ctgcccgtca tccagccggt      600
ggtggtgcag cccgtcccct ttatgtacac aagtcacctc cagcagcctc tcatgggtctc      660
cttatcgagg gagatggaaa attccagtag tagcatgcaa gtacctgtaa ttgaatcata      720
tgagaagcct atatcacaga aaaaaattaa aatagaacct gggatcgaac cacagaggac      780
agattattat cctgaagaaa tgtcaccccc cttaatgaac tcagtgtccc ccccgcaagc      840
attgttgcaa gagtaagtat atttaggtct acccagcatt tgcatagtag tgtgcatctt      900
ggaacctgga gcagaagcac aagatttcac acgtgtgatg tgggtgtggat gaccaggaac      960
ggcttgtgat ctgtggccgc cactggtcca gtaccactgg tcaagatggg agaattctctc     1020
caaaaacaat atgctgttac actgacaacg ttatgacaaa agttacatca agttttcatg     1080
gaatcagtc tccatgattt tgcaccttac cacatgaatt atttttgttt tttttccatt     1140
cttccaggct atgtatactt agtttttcca ttatgagaat ccttgtatag attaaacttg     1200
gtgttctgtg gatcatgtaa agttttcatg tggacacaca tagtccttac agagtgtata     1260
gtatcctgta gaattgctat ccagtaggaa ggctgtgcag tgttggcagc atccat      1316

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<210> 8641
<211> 1806
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (150)...(1230)
<223> similar to gi2104968 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8641
tcgatgctcc acgtaggagc tggctcggct gccggctgcg gtcagggcca ccgtataaag      60

```

agggcggcag	acccgagcgc	ctaggactcg	ccgctgcccg	cgccccgcgc	ccgctgctgc	120
ccccagcccc	ggccccaggc	gtcccagcca	tggtcgcgcc	aatgctcttg	ctcagcctcg	180
gcctcctggc	tggctctgtg	ccggcgctgg	ccgcctgccc	ccagaactgc	cactgccaca	240
gcgacctgca	gcacgtcatc	tgcgacaagg	tggggctgca	gaagatcccc	aagggtgtcag	300
agaagaccaa	gctgctcaac	ctacagcgca	acaacttccc	ggtgctgggt	gccaatctcg	360
tccggggccat	gccgaacctc	gtgtcattgc	acctgcagca	ctgccagatc	cgcgagggtg	420
ccgcccgggtg	cttccgcggc	ctcaagcaac	ttatctactt	gtacctgtcc	cataacgaca	480
tccgcgtcgt	gcgtgcccgt	gccttctacg	acctgaccga	gctgacctac	ctctacctgg	540
accacaacaa	ggtcactgag	ctgccccggg	ggttgccttc	cccgtgggtc	aacctcttca	600
tcttgacagt	caacaacaac	aagatccgtg	agctgcgcgc	agggcccttc	cagggagcca	660
aggacctgcg	ctggctctac	ctgtcggaaa	acgcgttgag	ctccctgcag	cccggggccc	720
tggacgacgt	ggagaacctc	gccaaattcc	acgtggacag	gaaccagctg	tccagctacc	780
cctcagctgc	cctgagcaag	ctacgggtgg	tggaggagct	gaagctgtcc	cacaaccccc	840
tgaaaagcat	cccggaacaat	gccttccagt	cctttggcag	atacctggag	accctctggc	900
tggacaacac	caacctggag	aagttctcag	atgggtgcctt	cctgggtgta	accacgctga	960
aacacgtcca	tttggagaac	aaccgcttga	accagctacc	ctccaacttc	cccttcgaca	1020
gcctggagac	cctcgccctt	accaataacc	cctggaagtg	tacctgccag	ctccggggcc	1080
ttcggcgggtg	gctggaagcc	aaggcctccc	gccagatgc	cacctgtgcc	tcacctgcca	1140
agttcaaggg	ccagcacatc	cgtgacacgg	acgccttccg	cagctgcaag	ttccccacca	1200
agaggtccaa	gaaagctggc	cgccattaaa	caggttctga	cccagccagt	cctggtgact	1260
ggcctctgcc	ttccaccgga	gagactactg	accttctcac	ctccacccat	accttctccc	1320
cacagccttt	gttgatgcac	agagctgcct	acacctagac	acgtcctggc	agggggcctc	1380
gggcactcca	ctaccaaccc	agctccaccc	agcagtgtcc	tggggagaa	gaaggctgag	1440
cctctcccca	gccttcatgc	cttccccacc	ctccagctcc	tcttggagaa	gctgttgctg	1500
agaccccccc	ccccccccca	agtcaatcag	aaccacaaca	ggttggtcat	caggatggcc	1560
acccctccca	ggatcatcct	tcctctgttc	ctctttccct	gccacgtgga	aacaatcatc	1620
agatccttgc	cccaccctt	gcttccagaa	agggttttaa	agcccatgcc	ccaactctgc	1680
cagcccccac	ctgccaggac	gttctagcag	gacatcggtg	ctttgctgtc	catcttccca	1740
tgctgcaatt	tcttcctgag	atttctataa	atataaatgt	atgtatgtat	tataagaaaa	1800
aaaaaa						1806

<210> 8642

<211> 2036

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2037)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1825)...(566)

<223> similar to gi2431772 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8642

tttttttttt	ttaagagatt	tacttcatct	ttattaacag	taccatagta	ttccactgtc	60
tagtatacta	taagtgatct	atataccaat	aatgaatact	taagggtggt	tcaaactctt	120



tattattaga	aaagtgtctgc	cagaaacatc	cttgccatgc	ttctgtatgt	actggtgcta	180
gtgttttctat	cagataaatt	tttagacatg	aagtgaatta	ctaggcatag	gaaatataat	240
ttacactttt	gatagatact	gagtttttgc	tcatttgcta	catgaagcag	aggcagagta	300
ttctgtgtgg	ggtttgggac	aggaacactg	acccctgaag	tcgagcctgg	gggtctaaca	360
tagtgggcat	ttgtccagcc	tgttttatgg	aaggaactgg	actctgagct	ttggggaatt	420
tcctgcaaga	taaatgtata	tcccacctat	actggtaaca	ggtaagttat	gcgcaaagat	480
gaaaagacaa	agccctagct	agatcagctc	ttgctctcag	cactacaatg	gccagcggtg	540
attcctttcag	ttaaaatgac	aattaataca	gtttcattga	agcttcaaac	agagcagcca	600
gacccctcttc	tgactgggga	caggggtgcaa	gcttgggtgac	cctttcctgg	ggcagcggttc	660
ctttcactag	tgcggggata	tcagctttgg	agtaaccaac	agctgctagg	ccatcatcaa	720
catccagatc	gaataagaat	ttccggagcg	tgtctgccaa	caccagccct	gcactctgga	780
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ttgggttaaga	cattccatgg	cacagatgaa	caccagcatt	tccaaagccg	atgccagcaa	1020
aagcacttgc	caagtgcata	tgagaccttg	cttcaagatc	atcgggattt	ctgacagccc	1080
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ctcaataaag	gcagcggcca	ggtccttctg	agtcccggta	taattgccta	gaacttaaca	1920
tttagaattc	ccactccttg	gtttacagcc	gggtccgaaa	aatagaaact	cttccttcc	1980
cgctgcattn	nnnnatcgct	gncccggcgg	ttccgttcc	caaacgncag	tagtat	2036

<210> 8643

<211> 521

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (45)...(524)

<223> similar to gil330317 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8643

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tgtcaaacct	ccacagttta	cctgggctca	ggggtttgac	gtccatcagt	aggaaccagc	180
tccaatgcac	caatgcaatg	cgggtaatta	acaattatca	acggcgatgg	aaaaaccaa	240
atacttttct	tcttgcaact	tttgctaatt	tagttaatgt	ttgtggtaac	ccaactataa	300

cctgccctca	taacagaact	ctcaacaatt	gtcatcatag	tggagtccag	gtgcctttaa	360
tgtactgtaa	cctcacaact	ccaagtccac	agaatatttc	aaactgcagg	tatgcgcaga	420
caccagcaaa	catgttctat	atagttgcat	gtgacaacag	ggatcaacga	cgggaccctc	480
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<210> 8644

<211> 4493

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4417)...(845)

<223> similar to gi5924408 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8644

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tttaaacaaa	caacaaat	cgataccaac	ttcttgggct	tcaagctatt	gagcacttat	180
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agacaaatgc	cttgaaaaga	tgacacagtg	cagggaac	tacagctatt	aagctgggat	300
aaaaacttag	tcaaaatgtt	ttagtccatt	atggctctgc	ctaaagcttc	aaaggaagaa	360
aatttaagac	acttctcatc	caaggcactt	aaaagagttg	caataaagta	cttctttgaa	420
tttagtttga	gcccaacagt	attttttatt	cctttttcac	attctgactc	acactgaaac	480
agtccttgaa	ggcagctatt	aatgagga	aatagttatt	gcttcttaat	atacatatta	540
caagtacgca	aacagaatac	agatttcggt	ccactgaagc	aagtaacagg	atctgactgc	600
agtgttctgc	ttaattctga	acaaaaagcc	acagactcct	ctaaccag	cccacaaata	660
gagccctcag	ttctgaattt	gcaccagctg	tcccctgggt	tctccatgag	gacacacgag	720
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aaatcacaat	tgagaaccac	tgggtgtaat	tcaacaggtc	cacagctttc	ggagtccacat	2040
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ggggtggaaa	cccgcgggtct	cctcgcaccg	gcatttcgga	cacaggctcc	gcgtaggcgc	4440
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<210> 8645

<211> 1854

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1855)

<223> n = a,t,c or g

```

<220>
<221> misc_feature
<222> (781)...(1654)
<223> similar to gi2852630 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8645
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catggagaaa ccctgtctct actaaaaaca caaaattagc cgggcgtagt ggcacatgcc      180
tgtaatccca gctacttggg aggctgaggc aggagaattg cttgaaccgc ggaggcagag      240
gttgctgtga gctgagattg cgccactgca ctccagcttg ggcaacgaga gcaaaactcc      300
atctctaaaa aaaaaacaaa tgacattcct taagggccag ggacctttat tgtttagtcc      360
caacatattt ggggatttgg gggcgatagc cctactttga attgaaaaca atttgagggt      420
taactgcttg caaactgtca tgggtctcag tctccaacct ctgtggactg taggggagtc      480
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gcaggtgcat ctgcccgggc ctgtgactct gtcaccagca atgtactgcc tttactgctg      660
gaacagttcc acaagcacag tcagagcagc cagcggcgga caatccttga aatgctcctg      720
ggtttcttga agctgcagca gaaatggagc tatgaagaca aagatcaaag gcctctgaat      780
ggcttcaagg accagctgtg ctcaactggt ttcattggctc taacagaccc cagcacccag      840
cttcagcttg ttggcatccg tacactgaca gtcttgggtg cccagccaga tctcctatct      900
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aatttgacta acggagatga gcccaccaa tgctcccggc atctgtgctg tctgcaagcc     1140
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cacattgtgc cctctctctt ggatggcaac gtgtccttct tgccctgaaa cagcttcccg     1560
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ttccccacc agagaagtta gttctcatcc gtcccggctc ctgctgccac tatgtactgg     1800
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```

```

<210> 8646
<211> 6026
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (5679)...(4435)
<223> similar to gi3882249 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8646

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cactccagcc	tgggtgacag	agcaagactc	catctcaaaa	ataaataaat	aaataaataa	3120
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caaattttaa	attatatgtt	aaactataac	ctcatttgta	tcatattcat	ttattctcaa	3240
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catctctaca	aggtaggtca	aagtatgatt	cttctcagtt	gtacaagata	aatggctgta	4140
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gccagcatca	tattttatct	gtgaagggtg	gcttggttgt	ggaaaactat	aaaaactgga	4260
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tccaccagac	ggaactccc	tgggagcaaa	tcgaaggaa	ttctgttggt	ctggcttgat	5640
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caacaaacat	ttatcaaagt	ccaggcatc	tgtgtcggtc	aaagactgat	aatgtgagat	5760
ccttgccttt	accgaaagga	gcacgaagaa	caggcacgga	gccaaggaa	tgccaagtc	5820
cctccagggg	tttctcgggt	cacggtccgc	cggcgaggc	gccaatcaca	gggtcctgag	5880
gtcgctgac	gttcagggca	gccggaagac	ggggaggtct	ggacctgaac	cgagacaagg	5940
aggtaccaca	ctattcactg	ctgcgtcgca	gagcgggctg	ggcggtgtc	tggacctcga	6000
gaggcctgag	gcaaggatcg	cgtcag				6026

<210> 8647

<211> 1735

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (207)...(1543)
<223> similar to gi4883433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8647
cagccagggtc ggccgcccc accagggtcca gttccagagc ccaggccggt cggccggggcc 60
cgcgtagccct cggcggggctg cgcagagcgc gggagcggtt tggggctggg catgctggga 120
gcccctcggg caacggccgc cgccgccaca gccacacagc cgccgccact gcgtccgtcc 180
ccggtgagcg ccgctgacgc gcggagatga aattcccggc ctcggtgctg gcgtccgtgt 240
tcctgttcgt ggccgagaca acggcggcgc tcagcctgag cagcacctac cgctcgggcg 300
gggaccgcat gtggcaggcg ctgacgttgc tttctcgcct actgccttgc gcgctcgtgc 360
agctcacgct tctcttcgta caccgcgacc tcagccgcga ccgcccgcctc gtactgctgc 420
tgcacctgct gcaacttggtg ccccttttca ggtgttttga agtcttctgc atctactttc 480
agtcaggcaa caatgaagag ccttatgtca gtatcaccaa gaagaggcaa atgccaaaaa 540
atggcctctc agaggagatt gagaaggagg tgggccaggc agaaggcaaa ctaatcacc 600
accgatcagc gttcagccgg gcgtcggtga tccaggcttt cttgggctca gccccccagc 660
tgacctaca gctgtacata agtgtcatgc agcaggacgt cactgttgga agaagtctcc 720
tcatgaccat atccctgttg tccattgtgt atggagcctt gcgctgcaac atcctagcca 780
tcaaaatcaa gtacgatgag tatgaagtca aagtgaagcc tctggcctat gtctgtatct 840
tcctgtggag gagctttgag attgccactc gagttgtagt cctggtcctc tttacctccg 900
tcctgaagac ctgggtggtg gttataatac tcatcaactt cttcagtttc ttctgtacc 960
cctggatcct cttctggtgc agtgggtccc cattccctga gaacatagag aaggccctca 1020
gtagagtggg caccaccatt gtactatgct ttctaacttt actctatact ggtatcaaca 1080
tgttctgctg gtctgctgta cagctgaaaa ttgacagccc tgacctcatc agcaagtccc 1140
ataattggta ccagctactg gtgtattaca tgataagatt catcgagaat gccatcctcc 1200
tcctcctgtg gtatcttttc aagactgaca tctatatgta tgtgtgcgca cctctgttgg 1260
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tcttccaccc ttgcaaaaag ctcttttctt ccagtgtttc tgaaggcttt cagagggtggc 1380
tcagggtgtt ttgctgggcc tgcaggcagc aaaaaccctg tgagccgata ggaaagggaag 1440
atctacagtc atccagagat agagatgaga caccttctag cagtaaaaca agtcctgagc 1500
ctggtcagtt cttgaatgct gaagatctct gctctgctta atgggaccca aggtctcaga 1560
gcacaggcat attattttct gggtttgata ctcgttattc atacaaataa tgagccctac 1620
acagggaaaca aggcaggaag ttagctgtta actcctgtg agctgcttct ctttatagag 1680
ctcttgggta tgtagaactg tatgggaaga agccaggaaa acctctgagt gttgg 1735

```

```

<210> 8648
<211> 2547
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (124)...(1744)
<223> similar to gi487785 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8648

acttgggtttc	gcttcgctag	tcccagaggc	ccagagtggc	tgccttggag	tctctgtggc	60
gcggttttcct	gtacctgcct	tgggatccgg	agggaggaag	ctgggacacc	cgggagtcag	120
gaaatggact	cgggtggcttt	tgaggatgta	gatgtgaact	tacccagga	ggagtgggct	180
ttgctagatc	cttcccagaa	gaatctctac	agagatgtga	tgtgggaaac	catgaggaat	240
ctggcctcta	tagggaaaaa	atggaaggac	cagaacatta	aagatcacta	caaacaccga	300
gggagaaatc	taagaagtca	tatgttagaa	agactctatc	aaactaagga	tggtagtcag	360
cgtggaggaa	tttttagcca	gtttgcaa	cagaatctga	gcaagaaaat	ccctggagtg	420
aaactctgtg	aaagcattgt	atatggagaa	gtcagcatgg	gtcagtcatc	ccttaataga	480
cacatcaaag	atcacagtgg	acatgaacca	aaggaatatc	aggaatatgg	agagaagcca	540
gatacacgta	accagtgttg	gaaacccttc	agttctcacc	actcctttcg	aacacatgag	600
ataattcaca	ctggagagaa	actctatgat	tgtaaaggaat	gtggaaaaaac	cttcttttct	660
ctcaaaagaa	ttagaagaca	catcatcaca	cacagtggat	atacaccata	taaatgtaag	720
gtgtgtggga	aagcttttga	ttatcccagt	agatttgcga	cacatgaaag	aagtcacact	780
ggagagaaac	cctatgaatg	tcaggaatgt	ggaaaagcct	tcacttgtat	cacaagtgtt	840
cgaagacaca	tgataaagca	cactggagat	ggaccttata	aatgtaaggt	atgtgggaaa	900
ccctttcatt	ctctgagttc	atctcaagt	catgaaagaa	ttcacactgg	agaaaaaccc	960
tttaaatgta	agcaatgtgg	taaagccttc	agttgttccc	caaccttacg	aatacatgaa	1020
agaaccata	ctggagagaa	accttatgaa	tgcaagcagt	gtgggaaggc	cttcagttat	1080
ctccctccc	ttcgactaca	tgaaagaatt	cacactgggtg	agaaaccctt	cgtatgtaaa	1140
caatgtggta	aagcctttag	atctgccagt	acctttcaaa	tacatgaaag	gactcacact	1200
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cgaagacaca	tgataaaaaca	tactggagaa	ggaccttata	aatgtaaggt	atgtgggaaa	1320
ccctttcatt	ctctgagttc	atctcgaata	catgaaagaa	ctcacactgg	agagaaacct	1380
tatgtatgta	aacattgtgg	taaagctttc	gtttcttcaa	catcaattcg	aatacatgaa	1440
agaactcata	ctggagagaa	accctatgag	tgtaaagcaat	gtgggaaagc	cttcagttat	1500
ctcaactcct	ttcgaacaca	tgaaatgatt	cacactgggtg	agaaaccctt	tgaatgtaag	1560
cgatgtggga	aagcctttag	atcttctagt	tcctttcgac	tacatgaaag	gactcacact	1620
ggacagaaac	cctatcattg	caaggaatgt	gggaaagcct	attcttgccg	tgccagcttt	1680
cagagacaca	tgttaacaca	tgctggagat	ggaccacctt	ataaatgcat	gtgggaaagc	1740
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aatgtaagta	acgtgggaaa	gcatgaaatt	ctgtcagtg	cttttttaat	acatgaaaga	1860
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cctttcaaat	acatgaaaga	actcatcatg	gagaaaacca	aacaaatgct	ttttggaaag	1980
gaacccatat	ttgagagaaa	ccctgggtaa	aggggttagg	aaagggtttt	tcacacaca	2040
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agcctttagt	catttttagtt	ccacttgaag	ccatgaaaga	acacacaaaa	gagaaaagct	2160
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tttgaacaga	tgttttggct	ctggctgggt	gtgggtggctc	acacctgtaa	tcccagcact	2460
ttgggaggct	gaggcaggag	gatcacttga	ggtcaggagg	tttgagacca	agtgtgcaaa	2520
acatagcaag	acctcatctc	agaaaaa				2547

<210> 8649

<211> 1566

<212> DNA

<213> Homo sapiens

<220>



```

<221> misc_feature
<222> (1472)...(1145)
<223> similar to gi165023 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8649
tttttttttt ttgagaaaag ccggcataaa gcacttttat tgcaataata aaacttgaga      60
ctcataaatg gtgctggggg aagggtgcag caacgatttc tcaccaaatac actacacagg      120
acagcaaagg ggtgagaagg ggctgagggg ggaaaagcca ggaaactgag atcagcagag      180
ggagccaagc atcaaaaaaac aggagatgct gaagctgcga tgaccagcat cattttctta      240
agagaacatt caaggatttg tcatgatggc tgggctttca ctgggtgtta agtctacaaa      300
cagcaccttc aattgaaact gtcaattaaa gttcttaaga tttaggaagt ggtggagctt      360
ggaaagtatt gagattacaa aattcctgaa agtcccttag aaaaaccca ggatgaaaaa      420
aaaaaaaggc cacaagaag gcttcagagg tccctgctgg ccaggggaca gatacctgta      480
gtgtccagca ttgcagtga catgatctac tttcaaaggc agaggggtta aggggagggg      540
gggtgggaat ggtggaggca aaggctctcc ccatccccac ctgagtttta ggtagggctt      600
ttaatttaac ccaaagacat ctctcaactt ggagagtaat tcagtcctca acagcgcctc      660
aaatctgcta tggctttgca gcgcagcagc aagaatgttt aatatataat agataaaaaa      720
ttcatccaaa aaattaaaaa aaaatatctt tgcaaaccac cccccaaca ccaattccta      780
ttctaattgt aacctaccac ttgtgctgtt aatacttgac catgtactta attggaaacc      840
tatatccaaa agactgaaac tgaatcttca ccccaaaatg aaaacaaaaa aaaatgagta      900
acttgagggt tatggcatat agtttaggta aacacacata cgaggagaaa ggggaagagg      960
aaacagaggt gtcggaagca aagctgagtg acagaacaca ttcagtcagg gcagatgtct      1020
atacaaagtg gagtggaaac tcaggaaaag ctccatatgg actcatgtgc acatgtctgg      1080
aggcaccaga tccctccatg gcagatccaa gaacagggag ctaagggagg aggccattcc      1140
tgtcattcca gttttagaag ctccacatcg aagacgagag tggcatgtgg tgggatgatg      1200
cctgggtgcc cagtggcacc ataggcataa tctggagata tagtcagttt ggctctctga      1260
cccacactca tctgggcaac cccttcttcc cagcctcgga tcacctctg cttgcctagc      1320
ataaacttaa agggcttgtt tctgtcccgg gaggaatcaa atttctttcc atcttcaagc      1380
atcccgggtg agtgcaccac gcaggtctgg ccgcgcttgg ggaagggtgcg cccgtctcct      1440
ggggagatgg tttccacctg cactcccatg gcggcgcgcg acgctgagcg ggcgggcggc      1500
gcgacgggcg gcgtggacca acagcgacct ggcgcgcggt ccacggctct gcctagtacc      1560
tcggcg

```

```

<210> 8650
<211> 432
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (233)...(431)
<223> similar to gi4062215 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8650
ttctatggcc agaccgcac atcgtggcgc atgcaaaagg cgtgcactta cccacatag      60

```

tgggggggat	ggtgacgaat	gttggccttag	tgcccagggt	tccctctcac	cctaaccctc	120
tccccggtgg	ggcgagggga	ctgaccgagc	gcgttgatag	catttgtagg	ccggataagg	180
cgttcacgcc	gcatccggca	ctctttcagc	aacatggtta	gcggaggcca	agatgtttga	240
ttcactggca	aaagccggaa	aatattttag	tcaggcggcg	aagctgatga	ttggtatgcc	300
tgattacgac	aactatgtcg	aacatattgcg	ggttaacat	cccgatcaaa	cgccgatgac	360
ctacgaagag	tttttccgtg	agcggcagga	cgcgcgctac	ggtggaaaag	gcggcgcgcg	420
ctgctgctaa	at					432

<210> 8651

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (191)...(424)

<223> similar to gi639720 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8651

ctttgatcac	gggctcgccc	caaccgacca	cgccttcac	ggtttcaatt	ttcaggaaca	60
tccagcgggg	aggtaaacga	tacgtggtaa	ttttggtgat	tttcattgca	ctgcctctcg	120
atacgcccta	acaaatgctg	ctgcctgctg	cgcggtgcgc	tctacggatt	gcccggcgcg	180
atagagatcg	ctgcctaagc	ccgcccctgc	acaacctgcg	tctatccact	gcgccagggt	240
ttctggcgtc	acgccgcca	cggcaaagac	tgcatgtcc	gatggcaata	ccgcttttaa	300
cgctttgatg	tattgcggac	caaaagccga	tgacggaaat	attttcagcg	cctgcgcgcg	360
cgtttcgagc	gcggtaaaagg	cttcggtctc	cgtcgcgcag	ccggggcagg	cggcatccc	420
gtagccccc	gcccggc					437

<210> 8652

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (371)...(557)

<223> similar to gi5105951 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8652

agatctggag	gaaaggggcc	ccttctgcc	ggcttccctc	ctgggtcaca	aactcacatc	60
tgcttgact	cccactgctg	tctctctctt	tctctctctc	tcccctcttt	ttaactgtcc	120

actaggtttt	atggataact	cctgagagaa	tgtcccagtc	tgcttaccat	cacattgatc	180
ccgcccacca	gcattgaggc	tctgcactgt	ctccccctcc	ttgcctgtcc	aaagcccctt	240
ccacccggga	ccgtcgcccc	tttacactca	ggggtactgg	tccatctatg	ccatgctgag	300
agctgctgcc	atgaaaagac	ccctggatct	cacccccctc	agcagctacc	tcttctcttt	360
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gcaccggcgg	ccagcacttg	ctccaccaac	ccttcctcca	gaagagcttt	tttgggaggg	540
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ccatctgtag	gatcttccca	ggcaaagtca	cctgtaaatc	acatccatac	ccaagaagct	660
cccaaatct	cacttccagc	ccagacctga	atactggggtc	agctgacacc	ttatctggag	720
catcac						726

<210> 8653

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (345)...(12)

<223> similar to gi4062197 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8653

tctgcgctgg	cttcctgact	ttaatatcct	gtaataaaga	aagggtgccc	tgctggacaa	60
aattaaacgc	cactttgtcg	ccggttttta	tttcaactcat	tttcgtctgc	ggggtgatgg	120
taaagcgc	ggtcatctcc	ggccagttca	cggcagcaat	cggatcgtga	tggatggtga	180
tttttttgct	ttccagatcg	atacccttta	ccacgccagt	ggcgctaata	acctgtgggt	240
gtgcttcgct	catggtttca	tgatgatggt	cgttagcctg	ggcattaaag	ccaataacgg	300
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cca						363

<210> 8654

<211> 1669

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (192)...(592)

<223> similar to gi5912254 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8654

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ttcgtacctg	gttccccaa	gaaaatcttt	tcagcttcca	gacagcatcc	acaactatgc	180
aagccatctc	gaacttccgc	aaacacctgc	gcatggtcgg	cagccggagg	gtgaaggccc	240
aaacgttcgc	tgagcggcgc	gagcggagct	tcagccggtc	ctggagcgac	cccaccccca	300
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cgctggacga	ggccttcgag	gacctggact	gggacactga	gaagggcctg	gaggctgtgg	420
cctgcgacac	cgaaggcttc	gtgccacca	aggatcatgt	catttcctcc	aagggtgcca	480
aggctgagta	catccccact	atcatccgcc	gggatgaccc	ctccatcatc	cccacctct	540
acgaccatga	gcacgcaacc	ttcgaggaca	tccttgagga	gatagagagg	aagctgaacg	600
tctaccacaa	gggagccaa	atctggaaaa	tgtgtatttt	ctgccaggga	ggctcctggac	660
acctctatct	cctcaagaac	aaggtggcca	cctttgccaa	agtggagaag	gaagaggaca	720
tgattcactt	ctggaagcgg	ctgagccgcc	tgatgagcaa	agtgaacca	gagccgaacg	780
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cccaagggaa	gcagatgatc	gagacgtact	ttgacttccg	gttgtatcgc	ctgtggaaga	960
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aagcactatg	ctgctagtta	cagtgtaggc	accctggac	ccggccgcgc	agctgggtga	1440
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ggctgtcgtg	tatatagctg	gggcgagggg	gcaggccccc	cttgtgcaga	gccaggggtc	1560
tgagggcacc	tggctgtgtt	cccagctgag	ggagggctgg	ggcgggggcc	gggcttgga	1620
cgatgtacga	tacctcata	gtgaccatta	aacctgatcc	tccaccgcg		1669

<210> 8655

<211> 1520

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (133)...(834)

<223> similar to gi5832945 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8655

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ctggccttct	cccgacgctc	catgtttccc	ttttttgaca	tcgcgcacta	tctagtgtca	180
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gcagagcctc	cattgaagtt	tcttgcaaac	cacactaaca	tattactggc	atcttcaatc	360
tggtatatata	catttttttg	cccgcacatg	ctagttttccc	agggctattc	atatctacct	420
gttcaactac	tggcttcggg	aatgaaggaa	gtgaccagaa	cttggaaaat	agtaggtgga	480

gtcacacatg	ctaatagcta	ttacaaaaat	ggctggatag	tcattgatagc	tattggatgg	540
gcccagggtg	caggtggtac	cattataacg	aatttttgaga	ggttggtaaa	aggagattgg	600
aaaccagaag	gtgatgaatg	gctgaagatg	tcataccctg	ccaaggtaac	cctgctgggg	660
tcagttatct	tcacattcca	gcacaccag	catctggcaa	tatcaaagca	taatcttatg	720
ttcctttata	ccatctttat	tgtggccaca	aagataacca	tgatgactac	acagacttct	780
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gaggtgacag	aaagaaaagaa	attctttgtt	tgaggagac	ttccccttct	tggattgtat	1140
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tgattatttg	aatagtttta	tattaataaa	agaagacaaa	attttttaaa	tgtagaaaa	1260
agcagatctg	tcattgcaaa	gtaacaaaaa	ttttaagctt	ttaaaaatgt	agatttttca	1320
tatttttaaa	atttgaatct	atttgagctt	tagttcagca	gaattaaatt	tttacttgac	1380
attatcatta	aaattgctag	gtatggagaa	caattcctat	tttattttga	acactgagaa	1440
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<210> 8656

<211> 2691

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (119)...(1241)

<223> similar to gil710282 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8656

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gcccaccatg	cccacggaga	ccctacagac	aggtagcatg	gtgaagccgg	tcagccccgc	180
gggcaccttc	acctctgctg	tgccccctgc	catcctgaac	aaggggccag	actacttccg	240
caggcaggcc	gagcccaacc	ccaagaggct	cagcgccgtg	gagaggctgg	aggccgacaa	300
ggccaagtac	gtcaagagcc	aggaggtgat	caacgccaa	caggagccc	tgaagcccgc	360
cgtgctggcc	aagcccccg	tgtgccccgc	tgccaagcgc	gcactgggca	gccccacgct	420
caaagtgttc	ggcaaccacg	ccaagaccga	gagcggcgtg	cagagggaga	acctgaagct	480
ggagatcctg	aagaacatca	tcaatagctc	cgagggtctt	agctcgggct	cggggcacaa	540
gcacagctcc	cgcgaactgc	cgccccaccg	gtcgggaagc	actgacctgc	accgtcactc	600
cttcgcggag	tccctgaagg	tctacccac	gcaggccgc	aggagcccgc	aggagggcgg	660
ctcccacgtg	ggcaggagac	tgctggagca	gtcagccgag	tccttctctc	acgtgtccca	720
cagctcttctg	gacatccgca	aggtgaccag	cgtgaagccc	ctcaaggcca	tcccctgcag	780
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ccccgaggcc	gacctgtgg	aaccagcttg	tggagtcagc	cgaagaccct	ccctccagcg	900
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caactactgt	ggactggacc	cggaagagct	ggaaaacctg	ggaatggaaa	actttgcaag	1020
ggctaattct	gacataatat	ccctcaactt	ccgcagcgca	agcatgatca	gctcagactg	1080
tgaacagtct	caggacagta	acagtgcctt	tagaaatgat	gacagtgcc	atgaccgcgt	1140

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gccgtatggc atttctgcca tcgaaagaaa tgctagaatc atcaagtggg tatatagcat 1200
caaacaagct agagagtcac agaaggtctc ccatgtgtaa gacagtgcgt ggaaaggagg 1260
gagcgtgggt ctctgtgctt acgcagttgt gaaggttggt aggtctcctt gaagtgttgt 1320
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<210> 8657

<211> 1561

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1562)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (504)...(1270)

<223> similar to gi3876146 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8657

```

atatgacaag gacgaggacc cctattctag ccagttaaag ctggacagaa tttttaaaag 60
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cagtgagaag agtcgagtga agcctggccc gtgagtgcct caacaactga gatgaacgtc 180
gactcgcttg caggcaagtt gtcactcagc agcgatctga actatatcct ggggtccaga 240
aaaggcagag gttcttaccg aaagcagggg aggaagccgc agcccaagga ggtcgtcact 300
tgccgggaag gtggctcggg ccaggctgca ctcaaaaccc gtgctctgtc cacactgcta 360

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cggggccaga	gccaaggaag	cttcacttc	ttccccaga	cagccccaac	agcggctacc	420
ccaaggagcc	agcagccttg	tgtcctggga	tccccagccc	ctgcagaatg	accaccag	480
atctgagcat	cacagccaaa	ctcatcaatg	gaggtgtagc	agggctcgtg	ggggtgacct	540
gcgtgttccc	catcgacttg	gccaagactc	gcctgcagaa	ccagcatggg	aaagccatgt	600
acaaaaggaat	gatcgactgc	ctgatgaaga	cggctcgggc	ggagggcttc	ttcggcatgt	660
accgaggggc	tgcagtgaac	ctcactctgg	tcactccaga	gaaggccatc	aagctggcgg	720
ccaacgactt	tttcggcg	ctgctcatgg	aagatgggat	gcagcggaac	ctgaagatgg	780
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ccaaggcctt	gaccanctg	cataagtaac	caacctgc	gcacctagcg	ggcgaggcac	1560
a						1561

<210> 8658

<211> 2515

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2314)...(1617)

<223> similar to gi567232 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8658						
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attttagaaa	tccaatggat	acattcaaaa	tgttatctaa	taaataacaa	ggtcaggtct	180
actccaaatc	taagaatctg	atttaaacad	aaggggcca	aaaactacca	gggctttttt	240
ttttttgggtg	gttataaaca	atacttgata	tttaagcaac	acagtcacac	tgctttaaac	300
ttagtgtcag	agatctacaa	tttattatta	ttttcagtgt	tagagctaga	gggtaatttt	360
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agccataagc	actttacaaa	cagactcagg	aaactatgca	gtagacaatg	acatagctta	480
accagactct	gaaaaagaga	tacatatattt	gattcacact	tgtacaaaga	gaacagtc	540
gtctgcatga	cttaagggtc	cctaaacaca	actgttttat	gttttagacc	cctggagtgt	600
gccagtttac	cacatcaggg	aggaatcaag	ggatgtgtgt	gtccttctta	aagaaccaag	660
ggcaagtggg	gtgggggtgg	ctacagggaa	cgctctgggc	aaaagagctg	cctcaggttt	720
ttgtgggaat	gaaaattact	tgttgcagtt	aagcaattcc	tagggtttat	ctagtttgag	780
gttcaaaaca	aaggagagaa	ttatttcctt	cctcgagctc	ttcccaaagc	aatatgcaca	840
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aaatgtatat	ccaaaatata	accctcaaga	ggaccaggtt	tatttgctcg	acagagcagc	1140
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agattcctaa	caataatcca	catcttagat	ttttaagtgt	gtagtttcat	agtttaaaca	1320
aattctgtca	aagaactatt	caatatactt	tatcacttta	actttccatg	aaaaccaaat	1380
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<210> 8659

<211> 1248

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (297)...(801)

<223> similar to gi3688392 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8659

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gggcagccag	cgtccaggta	ccccaacccc	tgccttgggt	ccggcgtccc	cccattagtg	180
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gaagaagctg	ggagggaggg	ggaggtgaaa	agggcagagg	caaggatggt	ggggcccca	1200
gcaccctctg	ttagtgccgc	aataaatgct	caatcatgaa	aaaaaaaa		1248

<210> 8660

<211> 1863

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (532)...(1192)

<223> similar to gi4678927 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8660						
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tggcctcctc	ccacctgctc	cccaaacatc	tgctctgggc	tgacagcaagc	tggcaataca	120
gattggtccc	tgactatggc	tccccagagc	ctgccttcat	ctaggatggc	tcctctgggc	180
atgctgcttg	ggctgctgat	ggccgcctgc	ttcaccttct	gcctcagtca	tcagaacctg	240
aaggagtttg	ccctgaccac	cccagagaag	agcagcacca	aagaaacgga	gagaaaagaa	300
accaaagccg	aggaggagct	ggatgccgaa	gtcctggagg	tggtccaccc	gacgcagtag	360
tggcaggccc	ttcagccagg	gcaggctgtc	cctgcaggat	cccacgtacg	gctgaatcct	420
cagactgggg	aaagagaggg	aaaactccaa	tatgaggaca	agttccgaaa	taatttgaaa	480
ggcaaaaagg	tggatatcaa	caccaacacc	tacacatctc	aggatctcaa	gagtgcactg	540
gcaaaaattca	aggagggggc	agagatggag	agttcaaagg	aagacaaggc	aaggcaggct	600
gaggtaaagc	ggctcttccg	ccccattgag	gaactgaaga	aagactttga	tgagctgaat	660
gttgctcattg	agactgacat	gcagatcatg	gtacggctga	tcaacaagtt	caatagtccc	720
agctccagtt	tgggaagagaa	gattgctgcg	ctctttgatc	ttgaatatta	tgtccatcag	780
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agcaacccca	aggtccagggt	ggaggccatc	gaagggggag	ccctgcagaa	gctgctggtc	960
atcctggcca	cggagcagcc	gctcactgca	aagaagaagg	tcctgtttgc	actgtgctcc	1020
ctgctgcgcc	acttccccta	tgcccagcgg	cagttcctga	agctcggggg	gctgcaggct	1080
ctgaggaccc	tgggtcagga	gaagggcacg	gaggtgctcg	ccgtgcgcgt	ggtcacactg	1140
ctctacgacc	tggtcacgga	gaagatgttc	gccagaggag	aggctgagct	gaccaggag	1200
atgtccccag	agaagctgca	gcagtatcgc	caggtaacac	tcctgccagg	cctgtgggaa	1260
cagggtctgtg	gcgagatcac	ggtccacctc	ctggcgctgc	ccgagcatga	tgcccgtag	1320
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ccccagctcg	gcaggacact	ggccagcctg	caggctgagt	accagggtgt	ggccagcctg	1440
gagctgcagg	atggtgagga	cgagggctac	ttccaggagc	tgctggggct	tgtcaacagc	1500
ttgtgaagg	agctgagatg	aggccccaca	ccaggactgg	actgggatgc	cgctagttag	1560
gctgaggggt	gccagcgtgg	gtgggcttct	caggcaggag	gacatcttgg	cagtgtggtc	1620

```

ttggccatta aatggaaacc tgaaggccat cctctttctg ctgtgtgtct gtgtagactg 1680
ggcacagccc tgtggccggg gggtcaggtg agtgggtggg tgatgggctc tgctgacgtg 1740
cagggctcag cccagggcat ccaggaacag gctccagggc aggaacctgg gcccaggagt 1800
tgcaagtctc tgcttcttac caagcagcag ctctgtacct tgggaagtcg cttaattgct 1860
ctg 1863

```

```

<210> 8661
<211> 1471
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1104)...(548)
<223> similar to gi4982472 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8661
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aaaatcatgg taaatgtcaa tcttcacaca acagcagaca caaaggggtt cagaaacgtc 120
agatatgaag aaatcctcca tccttcttca acattttact ggggtatttca acttcaaaag 180
aacagcttat ttctataagt gctgtacaag atcatagatt atgatggaac gacttcattt 240
tagaacgtta gcaaaaactgt tatactaaat gtcaatgaca ggaaacaaag aaaaaaattt 300
gttcaattat atttttaaac atattgttat tctcaacaaa cggaatttta aaacgaatac 360
aattttccat tatcaaaagc aaacactcta tttcgcagtt gaacaatgat cactgatcac 420
aaatatcaaa tacagtgtcc cccgccccca atcgacatca ttttcaactt aggaccctgg 480
catctactcc ttgggggtacc tgtgactctc ttttacaccc ccaagggctc gcctcagatc 540
tacttaaggg gcggaataac ccctagcacc tgaattgagg atagcctcaa cctctgcatc 600
atcgtccgaa tcccagtcac aattacaagg ccagtcttta gagcatcggg tacgaaccct 660
tgccacaaaa tgcagtactt tcagtttgct cgattccacg tgtgctcggg gccccagaa 720
gaactcatac tccaccggac tgctacgggg caccggttta taaatcaggt accctctgcy 780
cacaaactct tctgtgacga tcttcttcgg atctccaaag atgctgtgct gacgtccagg 840
ctgcattcct aacttccccca gcaatttcca gaccagagct tccttggcgc tgttgcccac 900
gatgaagatg agcgctaata tagacatcag gagacttttc ttggtgccct gaaaattgct 960
ccggggcact gaaggctttt gtgcttgggc agtgcctcag gcttcttcag ggggtgtaga 1020
ggcctcctct ggagtgtctg ggtcttcttc ggggcccgtc aggtcgtctt cgggggtgct 1080
cgctaccaca gaggcggcca taggggtctc ggaggcctct gaggcctgga ttttgcgatt 1140
gttgcggttc tcttctgcgg ctctcgcatt acggcggcgc cgactcttct gtccccgagg 1200
catgtctcct gctagaggct caaagcttac agcagtccta gggaaggatg cttgtagcct 1260
cttcaggaag caacagcttt ataccgtaag aagctgctgc cgctgaagct accaatgtca 1320
atagagtctt ttagcaata aacaagccgt tctcagctac aaagggtagt tcccacgcca 1380
gctgacttgc gcgagcagcc gccgccagca cttgccgcag ctgcaagccc gcgagaaagc 1440
tcagcaaaat tggccccgcc tctcctgcca c 1471

```

```

<210> 8662
<211> 1836

```

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1837)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (1716)...(951)  
<223> similar to gi551174 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8662  
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gtacagttat gtcagatga aactggacc catgtggcag ggtccaagca actagaacat 120  
gattcagaaa tcagtggaaa gataccactt ggacaggacc aagagggcat ttcactgccg 180  
atgaaacaca ggcaggaagg gattcctaat acccccccca ggnagcaac tctgcccc 240  
tcaagaggtc aagcgcagcc tgatcctata ttggtatgag gaatggctta ttttctgatg 300  
accacatgt gggactatth caaccgccac aagaaacccc agaaggggta ttgttttgta 360  
ttatatatac tatacttttt taataaaaagt aaattaacac ataacgaaat tcaggattga 420  
tcccaaccta gagccagatc ctctggggtc agggaggaaa cagttgtcac atcaccacgc 480  
aggttacatt cgtcttccac tggaatgact agagccccc aagcagtaggc agtgacctga 540  
ctgcagaaga gcagaggaca gactccgctc atggggacag acaggtctctg ttgcttctcc 600  
tcaactggtc tggcttagca tggcttctcc ccaaagtcct tagtaaaca agcactcgca 660  
aaaacccaag tcaactactt taaactctgt tggataaggg gagcttttcc atagcttaga 720  
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ggcgacaaaa tggctaaaaat gaaaatggga gccactggtc cccgtctgca gctacaactc 840  
aagatgtcta cagatgtggt cagtggtgaca tgtgcagggt ggaggggcag agggacaaga 900  
cgggcagggg ggggtgctcct ggggacagta tctctccgc cgcccttcac ttcttggcct 960  
tgccctgggc agccacagct tccatggctt tgcgcaccgt ctcttcatcc cccagaaact 1020  
gcatgggctt gataggcttc aagttcttgt ccaattcata gacaatggga ataccagtcg 1080  
gcaggttcag ctccatgata gcctcttcag agagaccctc cagatgcttg acaatgcccc 1140  
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tttcttcatt ccagaagggc agagctctgg caatagtatc ctccagactc tcacaggagg 1260  
gtagctgac tctctgtgag tctgcatacc tgcgatcctt actgatgttg ctgtagaaaag 1320  
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gcgctcatt gaggcgcca gtcctcacca ctggcagcca catctgatca atggcatcta 1500  
gcactgtcca gagggctcgg atcgtctctt tctgcactga ggtgaagcag atgtcaaact 1560  
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tcaggctggc gtcgtaccag ccgctgaagc ggttctccag gttccatgcg ctctcgcgt 1680  
gccgatcag caccagtttg taggcggcca tggcggcggg ctggggatgc ggcaccgact 1740  
gggattagca gattccggag tagcagccc ccccgctggc cgcgcctgcg cgctcgacc 1800  
gctcagtcgg gctcccgcgc aagttctcgc ccaaat 1836

<210> 8663  
<211> 3789  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (79)...(2059)

<223> similar to gi535032 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8663

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aacccggagc	tgcttacaca	catcctggac	ggcagccccg	agaaaacccg	gcgccgccga	180
gagatcgaga	acatgatcct	gaacgaccca	gacttccagc	atgaggactt	gaacttcctc	240
actcgcagcc	agcgttatga	ggtggctgtc	aggaaaagtg	ccatcatggt	gaagaagatg	300
aggagatttg	gcatcgctga	ccctgatgaa	attatgtggt	ttaaaaattt	tgtgcaccga	360
gggcggcctg	agcctctgga	tcttcacttg	ggcatgttcc	tgcccacett	gcttcaccag	420
gcaactgcgg	agcagcagga	gcgcttcttc	atgcccgcct	ggaacttgga	gatcattggc	480
acttatgccc	agacagagat	gggtcatgga	actcaccttc	gaggcttgga	aaccacagcc	540
acgtatgacc	ctgaaaccca	ggagttcatt	ctcaacagtc	ctactgtgac	ctccattaaa	600
tggtggcctg	gtgggcttgg	aaagacttca	aatcatgcaa	tagttcttgc	ccagctcatc	660
actaagggga	aatgctatgg	attacatgcc	tttatcgta	ctattcgtga	aatcggggacc	720
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aaggcgtgca	ccattgccat	ccgatacagc	gctgtgaggg	accagtctga	aatgaagcca	1020
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ctggccactg	cctatgcctt	ccagtttgtg	ggcgcataca	tgaaggagac	ctatcaccgg	1140
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gctggactga	aggctttcac	ctcctggact	gcaaacactg	gcattgaagc	atgtcggatg	1260
gcttgtggtg	ggcatggcta	ttctcattgc	agtggctctc	caaataattt	tgtcaatttc	1320
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gtggatatca	acagccccga	aagcctaacc	gaagcatata	aactccgtgc	agccagatta	1560
gtagaaattg	ctgcaaaaaa	ccttcaaaaa	gaagtgattc	acagaaaaag	caaggaggtg	1620
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gtgacacttg	gctctgtgct	tgcccgctat	gatgggaatg	tgtatgaaaa	cttgtttgag	1980
tgggctaaga	actccccact	gaacaaagca	gagggtccacg	aatcttacia	gcacctgaag	2040
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ctgtgtgcaa	ctcaaatttt	gtggaatctt	tttcgaattc	aaatagctat	agagcaaattg	2160
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aaaagcttaa	gaaatgcgat	atgacttcct	tttgtaatgc	tgctgatccc	agtagactat	2340
gacttttgat	aattagcaga	atttaactac	tgagtagttg	attattttca	catttttaatt	2400
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tctgcttggc	acagtctctg	cctgcttgct	ctcctttgct	gatggattgc	atttatcaaa	2640
ctattcatgc	tagcattttt	ccaacgaggg	aacttattcc	gcacgggcct	actgtaggac	2700

cattgtctcg	tgtaattagg	aattttccat	ttgaaggatt	gctaaattgt	cacagtagta	2760
ggaagtatag	ggaaacctct	cagctgtggc	actgtttag	ctttggagt	cagagtgtaa	2820
ctctgggaca	atcagatttc	acatattctg	tcatcttggc	ataagccatt	aaaagcttgg	2880
agattactgt	atttggcatt	aaaaaaaaat	gtcacttagg	tcagcactcc	cagacgtagc	2940
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tggaaaatga	taaactgacc	tgctagatgt	agaattgttt	caaaattagt	gttgaaatac	3600
cttgttcaca	gatgaatata	tgggcaggat	ctgaggggtg	ttggaatgac	accccccaat	3660
ccagttgcat	agatgggatg	tctttgcagg	tttgaggaga	tcacgcacct	gcagagcccc	3720
ctttgaccga	gtacctcacg	ttttatttaa	aatctaaatc	tggggccagg	cgtggtggct	3780
cacgcctgt						3789

<210> 8664

<211> 1944

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1945)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1873)...(1342)

<223> similar to gi4929709 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8664

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aggtgggttt	ctcctgactc	catgcatctt	ttacacaaaag	atgccccctt	aaatatgccc	120
cgttatctgc	cccacctcag	tgctggagaa	ctggcagtta	gtaagtgggg	cagaatgctt	180
aagtctcagg	aaggttttta	aaggcatttt	tgtggggagg	aagttctggg	tcaaggggaa	240
agattagacc	caagagttag	tattccattc	tccatcttcc	tggggaaatc	caaaccctca	300
aggttttatg	aagaaaagca	cctctctcag	cgacctagag	acagggagag	cacagaccta	360
ctgcttgggt	gtaaggctga	ggcagagaga	gggtagggtg	cagcgactgc	agaccacagg	420
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taagttccac	tccttcccca	gttctgagta	gaaacttttc	ttcccaagac	tagaatggag	540
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cagttttgaa	gctatatgcc	agatcagggt	acagaatgca	ttttatatgc	cctgttcaat	720
acaattttaa	tcgctgtttc	ttccatgttg	tcccttccct	atgaactatt	cccaaagcct	780

cttccaaggc	agaggacagg	gcagtaagaa	ggaatggaag	aaaacactga	ggtcactaag	840
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aaaagaattc	tctttctctc	tccccttgct	gggctgttgg	gatgagggcc	aggtagaggc	960
aaagggagga	aaacactcag	cacattcttt	ctcctacttt	aatctgaagt	gtagctacag	1020
caaagggcac	agaatttaca	aaaatgtcag	ggcaaggag	catgtgagca	taatccagtc	1080
tagaaagaaa	gaggggtgctt	cccctgccct	attatctaaa	tatgctggga	gctttactcc	1140
cagaactgca	agaagaatga	aaaagaatag	gaaggggtgta	ggggaggttg	agggggcaac	1200
cacaaacaga	atggagattt	aaggatccct	gtgatccccg	agatgaccct	gagagcatcg	1260
attggggaac	tagatgaaaa	ttcacagcag	acatgcaaat	tttttgaaga	ggatgaagag	1320
ccaggaacag	tgaggtcttc	accgaaggag	tgaccacttg	atctgttctt	tggctgactg	1380
cagcacctga	gacacggtct	gctccgtaag	ggggacatct	tcaccctta	atgccaccg	1440
gtgtaccacc	tgctggggat	cactctctag	gatcaccct	ccatctacaa	tttcatccac	1500
agccaagaac	agcccccca	tgttctccag	cagtgtctgc	ttttctacat	tttccctcag	1560
catctggctc	aatgagtcga	agagacagtt	cagaacagcc	ataagcatca	gctcattttc	1620
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atctccatca	ttgtccagaa	tcaggatggc	tttgacagta	tacagggag	gttccaaaat	1860
cagcgccctc	atcttgcccc	gcagcggacg	cgtgggtcgn	cgngttttt	cangngcatc	1920
agcgaggcta	tcattttacc	ccgt				1944

<210> 8665

<211> 3589

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (822)...(2356)

<223> similar to gi3002953 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8665

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gggcagcatg	aggctcagtgg	tgggcttctt	gtcccagcgg	ggcttgcatg	gggaccccct	120
gctcactcag	gacttttcaga	ggagacgcct	gcggggctgc	agaaacctct	acaagaagga	180
cctctcggc	cacttcggct	gtgtcaatgc	cattgaattc	tccaacaatg	gaggccagtg	240
gctggtctca	ggaggagatg	accgccgggt	tctgctatgg	cacatggaac	aagccatcca	300
ctccagggtc	aagcccatac	agctgaaagg	agagcaccat	tccaacattt	tttgctggc	360
tttcaacagt	gggaacacta	aagtgttctc	tggaggcaat	gatgagcaag	ttatcctcca	420
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cttcttttatt	gagcatttaa	tgtggacata	ctataaaaaa	gaatttttaa	tgctaataag	3540
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<210> 8666

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (538)...(285)

<223> similar to gi3877369 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 8666
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gagagacgga acagcccccc agcctcagcc ctctccacgg gggccggatg ccagagatgg    120
gagaagggat tcagtctctc gcccgggaaa ccaggtccca cagagggcgc cggcaagggg    180
gggacgcgac ctgggtgaca cgggtgcagg agtcctttaa tagaggagg gctggagcgg    240
ggaaacgcgc cggggcccta ggcacccatg tattccttgc gcttattgag ccgaacttgg    300
cagaaagaga agcctccgag gaggaggtaa aggcctgcag cgatgaaaca gttgtagctg    360
acttgctcgt aaagggtgta tatgttctgg gggccattct caaaatcttt ctccgtgaag    420
ggaacgtcct caatcaacac agcgggaatgg acattgaaaa atattccgag cattatcaac    480
atgatcactc ccagggcgct gaggacgatg ccgcaggcgg ccagcttcgg ccacagcac    540
aggagcgacg ccataaagaa gggagtcggg gatcgccgag gtgcaagcgg gctcggaaag    600
cgggtgggaga aagcccagga tgccctcgcc cagcgcgtcg cccacgcgtc cggccacgcg    660
tccgcccacg cgtccg                                     676
```

<210> 8667

<211> 5381

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1325)...(2851)

<223> similar to gi3309537 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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agtttgagac tggcctggcc aatatggtgg agccccgtct ctaccaaaaa tataagaatt    180
ggctgggtgt ggtggcgggt gcctgtgggt ccagctgctc gggaggctga ggtgggagag    240
tggcttgagc ctgggaggcg gaggttgagg tgagccgaga tcgcgccact gcactccagc    300
ctgggtgaca gagtgagact ccatctcaag aaaaaaaaga aaaaaaaaaa aaagaatgga    360
gatactagag gttgcacagt gctgagaaat atgaggttct gacctagcca gagtggagag    420
aactttttaa catcataggc attcaattga aaaccacac cttaggggaa agaaccacct    480
cctagagtaa agactactct aggcagggtg tgggtggctc cacctgtaat ccagaactt    540
tgggaggcca aggtgggcga atcacgaggt caggagtttg agactggcct ggccaatatg    600
gtgaaacccc gtctctacca aaaatataaa aattagctgg gtgtgggtggc aggtgcctgt    660
agtcccagct actcaggagg ctgagggtgg agaattgctt gaacctggga ggcggagggt    720
gcagtgagcc gagatcacgc cactgcactc cagcctgggt gacagaccga gactccatct    780
caaaaaaaaa aaaaaccaaa aaccaaaaac caaaaaacca cccaggggtc ttgttaaaat    840
gcagatgttg aatcagtagg tctggtggtg cggcctgaga ttctgcattt ccagcaagct    900
cccaggagat gccagtgtct gtgggtagag gtagggaggg tcctgctctg cagttatctg    960
ggtgtcttat tacgactcct ttaccctcct cctttgctaa ggactgggag acttctccac   1020
tgcttgggat gctggccccg gcagctggcc ctgcctttga cagtgaccct gagatctccg   1080
acgtggatga ggatgagccc agggggtctg gtgggtctct cggatgttgt cccccccagc   1140
```



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tgagacgcgt	gtaaccagt	gcagcatgga	agccctaaac	ctgaagcagc	tgcgcaagcg	1320
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<210> 8668

<211> 1308

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (459)...(816)

<223> similar to gi2827473 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8668

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cccagagagg	cggatgcatg	tgggagcaaa	gagctttggg	cagcctttaa	gctgaggaag	180
tggagaggct	ggcgggcgatg	cgttctgact	ccctcgctcc	aggcaccac	acccaccca	240
tccgcaggag	aagtaagttt	gccaacctgg	gaaggatttt	caagccttgg	aaatggagga	300
agaagaaaag	cgaaaagttc	aaacacacgt	cagcagccct	ggaaaaggaaa	atatctatga	360
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aaccagcaa	caggccctcc	aagcgagagc	tgggaagaaa	gaacatcctt	cccaggcaga	1260
cggatgagga	gcggctggag	ctgaggcaac	agattggcac	caagctca		1308

<210> 8669  
 <211> 1139  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (66)...(1142)  
 <223> similar to gi3378206 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8669

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tccttatcca	cggggaaaac	ataatttggt	aggccactca	gatcattgat	tatcttgaac	360
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ttcttggcac	gacccttggt	gttggtttgc	ttgcaggagt	gggatatttt	gcttttatgc	1080
ttttcagaaa	gagacttggc	agcatgatat	tagcacttag	accagacca	aattatttc	1139

<210> 8670  
 <211> 2773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (83)...(1512)  
 <223> similar to gi5106795 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8670

acgcgctggg	ccgcgggag	cgtcgcctca	cgcgaggagcag	agctgagctg	aagcgggacc	60
cggagcccg	gcagccgccc	ccatggcaat	caaatttctg	gaagtcacatca	agcccttctg	120
tgtcatcctg	ccggaaattc	agaagccaga	gaggaagatt	cagtttaagg	agaaagtgc	180
gtggaccgct	atcacctct	ttatcttctt	agtgtgctgc	cagattcccc	tgtttgggat	240
catgtcttca	gattcagctg	accctttcta	ttggatgaga	gtgattctag	cctctaacag	300
aggcacattg	atggagctag	ggatctctcc	tattgtcacg	tctggcctta	taatgcaact	360
cttggtggc	gccaaagataa	ttgaagtgg	tgacacccca	aaagaccgag	ctctcttcaa	420
cggagcccaa	aagttatttg	gcatgatcat	tactatcggc	cagtctatcg	tgatgtgat	480
gaccgggatg	tatggggacc	cttctgaaat	gggtgctgga	atttgcctgc	taatcaccat	540
tcagctcttt	gttgctggct	taattgtcct	acttttggat	gaactcctgc	aaaaaggata	600
tggccttggc	tctggtat	ctctcttcat	tgcaactaac	atctgtgaaa	ccatcgtag	660
gaaggcattc	agccccacta	ctgtcaacac	tgccgagga	atggaatttg	aaggtgctat	720
catcgactt	ttccatctgc	tgccacacg	cacagacaag	gtccgagccc	ttcgggaggc	780
gttctaccgc	cagaatcttc	ccaacctcat	gaatctcatc	gccaccatct	ttgtctttgc	840
agtgtcatc	tatttccagg	gcttccgagt	ggacctgcca	atcaagtcgg	cccgtaccg	900
tggccagtac	aacacctatc	ccatcaagct	cttctatacg	tccaacatcc	ccatcatcct	960
gcagtctgcc	ctggtgtcca	acctttatgt	catctcccaa	atgctctcag	ctcgcttcag	1020
tggcaacttg	ctggtcagcc	tgctgggcac	ctggtcggac	acgtcttctg	ggggcccagc	1080
acgtgcttat	ccagttgggtg	gcctttgcta	ttacctgtcc	cctccagaat	cttttggctc	1140
cgtgttagaa	gaccgggtcc	atgcagttgt	atacatagt	ttcatgctgg	gtcctgtgc	1200
attcttctcc	aaaacgtgga	ttgaggtctc	aggttcctct	gccaaagatg	ttgcaaagca	1260
gctgaaggag	cagcagatgg	tgatgagagg	ccaccgagag	acctccatgg	tccatgaact	1320
caaccggtac	atccccacag	ccgcggcctt	tggtgggctg	tgcatcgggg	ccctctcggt	1380
cctggctgac	ttcctaggcg	ccattgggtc	tggaaccggg	atcctgctcg	cagtcacaat	1440
catctaccag	tactttgaga	tcttcgttaa	ggagcaaagc	gaggttggca	gcatgggggc	1500
cctgctcttc	tgagcccgtc	tcccggacag	gttgagggaag	ctgctccaga	agcgccctcg	1560
aaggggagct	ctcatcatgg	cgcgtgctgc	tgccggcatat	ggacttttaa	taatgttttt	1620
gaatttcgta	ttcttttcatt	ccactgtgta	aagtgtctaga	cattttccaa	tttaaaattt	1680
tgctttttat	cctggcactg	gcaaaaagaa	ctgtgaaagt	gaaattttat	tcagccgact	1740
gccagagaag	tgggaatggg	ataggattgt	ccccaaagtgt	ccatgtaact	tttgttttta	1800
cctttgcacc	ttctcagtgc	tgtatgcggc	tgacagccgtc	tcacctgttt	ccccacaaag	1860
ggaattttctc	actctgggtg	gaagcacaaa	cactgaaatg	tctacgtttc	attttggcag	1920
taggggtgtga	agctgggagc	agatcatgta	tttcccggag	acgtgggacc	ttgctggcat	1980
gtctccttca	caatcaggcg	tggaatatc	tggcttagga	ctgtttctct	ctaagacacc	2040
attgttttcc	cttatttttaa	aagtgatttt	tttaaggaca	gaacttcttc	caaaagagag	2100
ggatggcttt	cccagaagac	actcctggcc	atctgtggat	ttgtctgtgc	acctattggc	2160
tcttctagct	gactcttctg	gttgggctta	gagctgcct	gtttctgcta	gctccgtgtt	2220
tagtccactt	gggtcatcag	ctctgccaa	ctgagcctgg	ccaagctagg	tggaacagacc	2280
cttgacagtga	tgtccgtttg	tccagattct	gccagtcac	actggacacg	tctcctcgca	2340
gctgccctag	caaggggaga	cattgtggta	gctatcagac	atggacagaa	actgacttag	2400
tgctcacaag	cccctacacc	ttctgggctg	aagatcaccc	agctgtgttc	agaattttct	2460
tactgtgctt	aggactgcac	gcaagtgcac	agacaccacc	gacttccttt	ctgcgtcacc	2520
agtgtcgta	gcagagagag	gacagcacag	gctcaaggtt	ggtagtgaag	tcagggttcg	2580
ggtgcagggg	ctgtgggtgg	gttgatcagt	tgctccagt	tttgaaataa	gaagactcat	2640
gtttatgtct	ggaataagtt	ctgtttgtgc	tgacaggtgg	cctaggtcct	ggagatgagc	2700
accctctctc	tggcctttag	ggagtcctct	cttaggacag	gcactgcca	gcagcaaggg	2760
cagcagagtt	ggg					2773

<210> 8671  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (715)...(358)
<223> similar to gi2739294 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8671
cctttttttt tttttctggt ttaaattcatt tatctccatg tagagatttg agtacaaaaa    60
taaacggcaa caaaacagaa ggagtgtgaa atccggggat ccacagggct tctgtcctcc    120
accttccatg cagctggggg ctgcatcctc tgtgggggtg cttcatcctc tgtgggggtct    180
gtggggcctg ctccaagtca tcagcattcc atgcccacct ggacctgggc ccagactttc    240
ggggaagccc tcagcctggg gtcctctggc cccccgttgc ggctggggaa gagagggtgtg    300
gaatccccag agaaagggaa ggaaaggcat gaggggcctt ccctgggggg aaggtcacag    360
gctgggggct aagatgacgg ccaggaggct caggggccagc cccaggctga gggcactgtg    420
ggcgaggggc gtgcgggtgg gtgcagcgtt gtgcagcttc tcattgcaca ggtcctcctg    480
gcagcactgg gtggagctgg tgccgctgct gacctggcct tgcagggtgt agctgggtgt    540
gcacgactcc gcacagtcct tcttcaccag attccccctc agaggctcca ctgtgttcgt    600
ggtcttgcag aagcgagagc tggccgggca gaccacagaa tgcttgcagt tgctggagct    660
ggtgcacacg tggcagcgca gggtaagggc tggccctgta gccacagcca gggttcaagg    720
acacaatcgc ggcgcgtggg cgaccggaat tcgggcggtc gaagg                    765

```

```

<210> 8672
<211> 1544
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1545)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (459)...(1208)
<223> similar to gi3873700 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8672
cgctgcagga attcggcacg agggcacgcg ggactgctac gaggtgctgg gcgtgagccg    60
ctcggcgggc aaggcggaga tcgcgcgggc ctaccgccag ctggcccggc gctaccaccc    120
tgaccgctac cggccccagc ccggagacga gggccccggg cggacgcgcg agagcgccga    180
ggaggctttc ctgctgggtg caaccgccta cgagacactc aagtccctct gcatatgccc    240
aagaggattg ggagtggaaat ggacaccagc agaagcacca cagttattcc tgtagagatt    300
agaaacaagg agcttattgc cctgcttgtc aaggctcagg acagacagga ggaagaaaca    360
agtataaagg ttttggtttt ggaaagaagt tggaatctcc agaccctggg accttaagat    420
ccacaaaatt gctgaaagaa aaagtnctcc cttattgaaa ggatgaagaa acacgaaaag    480

```

attatgatta	catgctggat	catccagaag	agtactacag	ccattactac	cactactata	540
gcaggcgctt	ggccccctaag	gtggatgtta	gagtagtgat	tttggtcagc	gtgtgtgcta	600
tttcggtggt	tcagtttttc	agctggtgga	atagctacaa	taaggcaatc	agctacctag	660
ccacagtgcc	caagtaccgt	atccaagcta	cagagattgc	caagcagcag	ggactgctca	720
aaaaagccaa	agaaaaaggc	aaaaacaaaa	agtccaaaga	agaaattcgt	gacgaggagg	780
agaacatcat	aaagaacatt	ataaaaaagta	aaatagatat	aaaggggggc	tatcagaaac	840
cccaaactctg	tgatcttctc	ctgtttcaaa	ttatcttagc	tccttttcac	ctatgctcat	900
atatagtttg	gtattgtcgg	tggatctata	attttaacat	caaaggcaaa	gaatatggag	960
aggaagagag	attatacatt	atacgtaa	ctatgaagat	gtcaaagtct	caatttgata	1020
gtctagaaga	tcacagaaa	gaaacttttc	ttaaacgaga	gctctggatc	aaggagaatt	1080
atgaggtcta	caagcaagaa	caagaggaag	aattaaagaa	aaagttggca	aatgacccca	1140
gatggaagag	atacaggaga	tggatgaaga	atgaagggcc	tgggcggtta	acatttgttg	1200
atgactgaag	attgatggaa	tgctactatg	ccaaacctta	attgtgatat	tattttcata	1260
actgaattat	tttagaaatg	tatcaattga	ctgctgctca	gcagtaacta	aaattcctca	1320
agtatttgat	taaacagaat	aatgtcaaaa	tttaaaccct	cccttaaaaac	tttatacata	1380
agacatttat	gattgttcaa	tttttataat	ctatttgtgg	attttgttaa	aagatttcac	1440
atgaagattt	attagttgcc	atttaaaatt	tttatatgtt	tagttaaag	atttgacatg	1500
aaaatctatt	agataccatt	taaaaatttt	aaaaaaaaaa	aaaa		1544

<210> 8673

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (259)...(833)

<223> similar to gi498721 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8673

cttttttttt	tttctactta	tttcttgccc	tttttttcat	attgctcata	tttgagaatt	60
ttctaagcca	ttcacttctc	atatgcttta	cttcaagatt	ttctatatct	attttagaag	120
ttgtattgct	ttttgtacat	acaaccgtat	gatgttttta	ccttcttatt	tttcagacat	180
gcagtcgagg	tgtcagacca	agaagttatt	acaaaaaat	ggcatttttg	agagagaaat	240
agcccaattg	gaaataatga	gaatttghta	aaaccacagc	cttgactgtt	tatgttttag	300
aggtgactgg	gaaggcaaca	ctcagtttca	aacacttcaa	gataatcaag	aggaatgctt	360
caagcagggtg	atacgcacct	gtgaaaaaag	gccactttt	aaccagcata	cagtgtttta	420
tctacaccag	agacttaata	caggagacaa	actgaatgaa	tttaaagaac	tggggaaagc	480
cttttatttct	ggttcagatc	atactcaaca	tcagttaatt	cacacaagtg	agaaattctg	540
tggagataaa	gaatgtggga	atacctttct	tcctgattca	gaagttattc	aatatcagac	600
agttcacact	gttaagaaaa	catatgaatg	taaagaatgt	gggaagtctt	ttagtttacg	660
ttcgagtctt	actgggcata	agagaattca	taccggcgag	aaacctttta	aatgtaagga	720
ttgtgggaaa	gccttttagat	ttcattcaca	acttagtgtc	cataagcgaa	ttcatactgg	780
tgagaaatct	tatgaatgta	aggaatgtgg	gaaggccttt	agttgtggct	c	831

```

<210> 8674
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (208)...(456)
<223> similar to gi339486 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8674
ctccccacga ggccttcctg gcctcctgtc tgaagtgggt ccctttcctt actggtcctt      60
ctccaaagcc ctggctgcaa gactcgggga cccagcatc tgcacatctg gcagagtgga      120
cctcctatga gaactgcctg agatctgagg agcccagagc cggaggagca gtaccgttgt      180
catggccacc atgacgggct ggtgcgggcc aactgccaac tcgccagagc tggtaaacac      240
tctgttggtta cccctaacta tcaagagcgc gcgcgccac aagatattac gtcaacggcc      300
gcatctattg ggacgcgacg taacagactg cgcaggcatc ttttggctgt tcccagcgaa      360
gacctgggac cttctggtca gaggccacgc agtatgggag cccgatcttt aggagcacag      420
cgcacatgaa caaaacatgt gacacgataa cgtcgggggtg cagcttacg                469

```

```

<210> 8675
<211> 1080
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (417)...(1080)
<223> similar to gi51481 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8675
tttttttttt ttcaattata aatttttattt aagaatactg acttaacaca ggaaacagat      60
ttaattcatg gaattgtgca tatggtcatc cgttacattg tgacatgtta attttttttt      120
atcatttatt ggcactgtca acagattact tgtgaacaag atcactttgt acgcttaagt      180
ctgcgatgct acttagctat ggttttctac catgagctta tatatagata ggtgtaggta      240
tgtagataca ttaattgctat acacaatttt gcatgggttac tgagcgtcag taaaaattat      300
gaaaaaacac ccaattataa taaaagttag gatgtactaa gacttgctat tactggacct      360
tgttttctgt aaaagtgatg acacttgctg gacggttact aaactctatg gcactaatgt      420
atgatggatt catttccaga ctgtcggccg cggaagcact tcttcatggc ctctgccctg      480
gacagcagcc tgtectcggg gctccccatg tttttaccag cttctgctga gtttctacaa      540
tcttgagctc tgctgagaat tcttttcctt gaaattcttc tacctaaagc cccagccccc      600
aaaagagcat gtctcaggaa ctcatatgct cctgagtcaa caagaacttg ttgataaatg      660
gcttaaaagt ttttacaaga agtaacttcc cttggtaagg agtaaataat agctctggaa      720
ttttccagat aaaactattt catttctctg tcagtgcgcc atggggagag aacgaaatat      780
tggagccctt ctccctacca aagagagcca cttttctggt tgtgccctgg cttaaaaccc      840

```

tttgggtctcc	gagaaccata	ctgaatat	tttgcaccaatg	ctaaagt	tttgcaggagaaag	900
catacttaag	ccaataaatg	aataatggtt	tggtttgc	tttgcttgct	tgtaaataa	960
ggccttattg	aaccttggga	tgctgcctgt	ggaaactggc	ttccccagtg	aaagatgtga	1020
tgccatgaac	tgatatgcct	ttgcatatgc	tgttccctct	ctgcaacacc	ctctcgtgcc	1080

<210> 8676

<211> 2702

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1457)...(2441)

<223> similar to gill196425 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8676

aatcgatatt	catgtgcgtg	tggcgggaatt	ctatccagag	tcaggtgtca	ctactcaata	60
cacttggacc	cagcttcccc	aaaggttcaa	gaactcccc	accatctttg	gggaggcgtt	120
ggctcgagac	ctccagaagt	ttcccaccag	agacctaggc	tgctgtgtgc	tccagtacgt	180
tgatgacctt	ttgctgggac	accccacggc	agtcgggtgc	gccaagggaa	cagatgctct	240
actccggcac	ctggaggact	gtgggtataa	ggtgtccaag	aaaaaaagct	cagatctgcc	300
gatagcaggg	cacttcaact	cagaaagctg	aactcaatgc	tttcatttgg	gccttagaac	360
tcagtgaggg	tgagactgtc	aacacttaca	ctgattctcg	gtatgtcttt	ttaaccttc	420
aaagtgcattg	agtgtgatag	aaagaaaagg	gcctattgaa	ttctgggggg	aaagacagaa	480
aatatccaca	agaaatcttg	caatgattaa	aagcagtatg	gagacccac	aaggtggcag	540
ttatgcattg	cagaggacac	cagcgagctt	ccaccttgg	gggtttagg	aattcccgtg	600
ctgactcaga	ggctcgaaaa	gcaccatctg	ccccattccg	ggcatcagtc	acagcccc	660
tgctccctca	agcacctgat	cttgtacct	cttattctaa	agaagaaaat	gactttctcc	720
aggcaaagg	aggacaagt	atggaggaag	gatgaattcg	gttaccggat	gggagagtag	780
ctgtgccaca	gctgctagga	gctgcaattg	tactggctgt	gcatgaaacc	acccatcgag	840
gtcaggaatt	acttgaaaag	ttgttaggct	ggtatttcta	catctcacat	ttgtcaggcc	900
ttgccaaaat	ggtgacgcag	tggtgtgtta	cctgccgaca	gcataatgcg	aggcaaggctc	960
cagccgttcc	acccggcata	caagcttatg	gagcagcccc	ctttgaagat	ctccagggtgg	1020
acttcacaga	gatgtcaaag	tgtagagggtg	atcgagtgtg	gatcaagaac	tggaacgtag	1080
cctctttgtg	tccactgtgg	aaaggacccc	agactgtcgt	tctgagcact	cccaccgctg	1140
tgaaggtaga	aggaatccca	gcctggatcc	accacagcca	tgtaaaacct	gcagcgctg	1200
aaacctggga	ggcaagacca	agcccagaca	acccctgcag	agtgaccctg	aagaagacga	1260
caagccctgc	tccagtcaca	cccggaaagt	gactggtcca	cgacggccg	aagcctgagg	1320
aagctcatca	tgagattcat	ttttcttaaa	ttttggactt	atacagtaag	ggcttcaact	1380
gatcttactc	aaactgggga	ctgttcccag	tgtattcatc	aggtcaccca	agttaggaca	1440
gcaaattaaa	acaatctttc	tgttctatag	ttattatgaa	tgtatggaaa	caataagaga	1500
aacttgtttg	tataacgcca	ctcagtacaa	ggtatgtagc	ccaagaaatg	accgacctga	1560
tgtgtgttat	aacccatctg	agccccctgc	aaccaccatt	tttgaaacaa	gattaagaac	1620
tagccttttc	ctaggtgaca	caagtaaaat	aataactaga	acagaagaaa	aaggaatccc	1680
caaacaaata	attttaagat	ttgatgcttg	tgacgccatt	aatagtaaca	aactaggaac	1740
agaatgtggt	tctcttaact	gggaaaggag	ctacagcgta	gaaaataaat	atgtttgtca	1800
tgagtcaggg	gtttgtaaaa	attgtgccta	ttggccatgt	gttatttggg	ctacttaaaa	1860
aaagaacaaa	aaggaaccgg	tttatcttca	gaagggggaa	gccatcccct	cctgtgctgc	1920
cagtcactgt	aacccactag	aactaataat	taccaatccc	ctagatcccc	attggaaaaa	1980



gggagaatgt	gtaaccctgg	ggaccaaagg	gacaggggta	aaccccccaag	ttgccatddd	2040
agttcaaggg	gaggtcccac	agcaactctc	ccaaaccagt	gtttcaaacc	ttttatgagg	2100
agttaaatct	gccagcacca	gaactttctga	aaaagataaa	aaatttggtt	ctccaattag	2160
cagaaaatgt	agctcattcc	cttaatgtta	cttcttggtta	tatatgcggg	ggaaccacta	2220
tcagagaccg	atggccttgg	gaagcctgag	agttgggtgcc	cactgatcca	gctcctgata	2280
taatgggggc	ttgtccagga	tctcatcagg	actggatggc	tctcgctgga	ctatactgga	2340
tatgtgggca	gagagcctac	attcagttac	ctaataaatg	ggcagacagt	tgtgttattg	2400
gcactattaa	gccatccttt	ttcttattac	cgataaaaaac	tactgggtact	atctgtaaat	2460
tccagacatt	gtatgagaaa	gcactgtaaa	actttttggt	ctggttagctg	atatatgtag	2520
cctccagtca	cattcctcat	gcttacttga	tctatcatga	ccctttcacg	tggacccctt	2580
agagttgtaa	gcccttaaaa	gggctaggaa	tttctttttg	ggggagcttg	gcactcttaag	2640
acatgagtct	gacaatgcta	ccggccaaat	aaaaacatat	aacttcttta	aaaaaaaaaac	2700
aa						2702

<210> 8677  
 <211> 628  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (26)...(628)  
 <223> similar to gi57718 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8677						
taaatgacag	atgatacctt	gggttgggag	gggtcctgga	agtggactct	tccacagtgg	60
catcaggggt	aggggtcaca	gtgggtggta	ggaccagagc	tgaggtcaca	gagctcctgg	120
aggcaagatt	aaggacaaag	agtggctccc	catcaccaag	ttgggccatc	tggtcaagga	180
catgaagatc	aagtccttgg	aggagatctg	cctcttctct	gtgcatcaag	gaccaggttc	240
aaggcatttg	tcaccattga	ggactacaac	ggctatgttg	gtctgggtgt	tagtgctcca	300
aggaggtagc	cagcaccatc	catggggcta	taatcatggg	caagctcttt	atcctccctg	360
tgtgaggaga	ctactggggg	aacaagatta	gcaagcctca	cactcacact	acctaccctt	420
gcaaggtgac	tggcagcctg	catctctgtg	ctgggtggcct	catccctgcc	tccaggggag	480
ttggtactgt	cttgccccct	gtgcccagga	acctgctgct	gatggtgggt	acccaccact	540
gctgcacttt	gactggggac	tgcgctgcta	ccctggccaa	ttttgccaag	ggacctttga	600
tgccatctcc	aagacctaca	gctatttc				628

<210> 8678  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (44)...(357)

<223> similar to gi1335198 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8678
actggatcca gtagcatatt aaaaggatta tccaccacta ccaagtgggc tttagcctaa      60
gaatacaatg gtggttcaac acatgaaaat caatgtaata caatgtaatc atattaatag      120
aatgaagggg aaaaatccca gaatgatttc aattcatgca gaaaaagcat ctgaaaaaat      180
agtaataatc ttttaagata aaaacactca acaaatgagg aaaggaaggg aacttcttca      240
aaatgataaa ggacatatat gataaagcgc acagctaaca tcttactcaa cagtaaatga      300
ctgtttactg actgaaagtt ttcccgctac gatcatgcat gagacaagaa tgctgctctc      360
actacttccg ttcag                                     375

```

```

<210> 8679
<211> 1293
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (294)...(1293)
<223> similar to gi456886 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8679
gtatttttga aaaatggtaa agaagtgcag agtcaagtca tagcgactaa taatgggtta      60
ttttcttaaa ttgtatgctt atgttaattc tcacagtctt tttgtttggg tctgtgacag      120
atcttacaaa agatctttta gacctatgat tcttaacaaa attaaagaat taagtcggaa      180
ccaatttccc acaatgtctc atctaagaaa ggactcacag gccagcagcc caggagatga      240
cgcaatggac aggagtgggc tccctgacct tcaaggaaga tttgagctat ctgggaaaaa      300
caagacagta tccactggat gcattggaac cccaaccca gcattgggga tattaaggac      360
attaaaaaag cagccaagtc tatgctagac ccagcacata aatctcattt ccaccctgtg      420
accccaagtt tagtattctt gtgtttcata tttgatgggt tacaccaggc attactgagt      480
gttgggtgtg gcaagaggtc taatactgtg gttgggaatg agaacgagga aaggggtact      540
ccttatgcta gcagattcaa agatatgcct aactttattg cccttgagaa gtcacagtt      600
ctccgccact gctgtgacct tttgataggc gttgcggctg gatcaagtga taagatttgc      660
accagcagtc tccaagttca gagacgattc aaggcaatga tggcatctat tggaagactt      720
tcacatggtg agagtgtga tctgctaata agctgcaatg cagaatcagc cataggttgg      780
atcagctcaa gaccgtgggt tggagaatta atgttcacat ttctatttgg agactttgaa      840
tcccctctac acaagctacg caagtcaagt tagttgccaa gaaagcacag atgacaacct      900
attaatgctg tgagaatgtt tctagatcag tgcattggat gctccattgc tctacgggcc      960
attgtgtctg agatcccagt ctttgaggag aaaaaaaaca atgggttaaaa aggcattggg     1020
gaaatatttt gagtttgggg gtgtactttg ccacccattt attggggagc tgtcaccacg     1080
aatgttccca aacttagcaa cagcggcaaa ctactgggcc aagatgagca accccacatt     1140
tttgggattt aaagctcctg atgttatacc aggatcaacc atcacactcc ctttgcttcg     1200
aatggcatct accccgtaag atcttgaggg gggagtgttg ggtggaatca tagatccatg     1260
cactcctaac atgaactaat tctcattatt taa                                     1293

```

```

<210> 8680
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (132)...(385)
<223> similar to gi501027 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8680
gaggaaggag aacagtgggtg gggctgggtg aaggaagggtt ccagaaagga acagtgaggg 60
gactgagtgg gacaaagggg cagattgaag ggtgactgag actgatcagg tggttcctca 120
gaaatgggtg ttgttgtaga aggctggcgg tcccgggggt tgtgtttcta ttcattcttt 180
gtttttaagg taagtctcgc ctcttcttgc tagttttagt gtgtttttgt gctttaatgt 240
ttgttttaat gttatgtttt ttattgggtt gtgctcttct ttttttctcc ggtatattat 300
tttgatgtgt ttgtattggt ttaggtgtat ttgtgctact gttgtctggt acttctgtgt 360
gttttttggg tgctgtattc tct 383

```

```

<210> 8681
<211> 1002
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (166)...(1002)
<223> similar to gi220525 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8681
tttcgtctgt aactgctcct cactgcgtta cccagtaatg cgctgatcgg gggagggggc 60
ggggggggccg gggagagcagc gggagagcga gccgacttgg aaatgtgaac gcaagaagca 120
ggcttgattt ttttttctcc ccccttctct ctctctctct ctctctctct tcctctctcc 180
ctctttctcc tctctcaccc acactcacgc acacctccaa accgcacacc cagacgcaca 240
cgcatacccc agcgcgccgc agttatgtat tctccgctct gtctcaccca ggatgaattt 300
cctcctttca tcgaagcact tctgccccac gtccgagcct ttgcctacac atggttcaac 360
ctgcaggccc gaaaacgaaa atacttcaaa aaacatgaaa agcgtatgtc aaaagaagaa 420
gagagagccg tgaaggatga attgctaagt gaaaaaccag aggtcaagca gaagtgggca 480
tctcgacttc tggcaaagtt gcggaaagat atccgaccgc aatatcgaga ggattttgtt 540
cttacagtta cagggaaaaa acctccatgt tgtgttcttt ccaaccaga ccagaaaggc 600
aagatgcgaa gaattgactg cctccgccag gcagataaag tctggagggt ggaccttgtt 660

```

atggtgattt	tgtttaaagg	tattccgctg	gaaagtactg	atggcgagcg	ccttgtaaag	720
tccccacaat	gctctaatac	agggtctgt	gtccaacccc	atcacatagg	ggtttctggt	780
aaggaaactcg	atttataatt	ggcatacttt	gtgcatgcag	cagattcaag	tcaatctgaa	840
agtcccagcc	aggccaagt	acgctgacat	taaggaccag	ccagaaaatg	ggacatttgg	900
ggcttccagg	gacagttttg	tcacattcag	gtgtttttta	gtgtcacttg	agcttagtta	960
agagtgtcac	agacccccat	cgccgccgga	ccggccccaa	ct		1002

<210> 8682

<211> 3395

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1575)...(47)

<223> similar to gi4960163 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8682						
agaattcaga	aggcctgtca	ggtgaagtct	tcagcctccc	acagcgagcg	gtcccagcat	60
ctccacgcgc	gcccgtggga	ggtgggtccg	gccggagagg	cctcccgcgg	acgccgtctc	120
tccagaactc	cgttccaag	agggagcctt	tggtgctttt	ctctccttaa	acttagatca	180
aatttttttg	tttttaatac	gttatcttgg	gaacttaacc	tggccctca	cctcttctgc	240
accccccgcc	cccgaaactg	tctcgtaatg	aatttctgct	gtcctcctgg	gagtggacgg	300
ccgggtcccg	tccccggga	gcatcgctcg	gctcagcacc	ttggctccca	gtggggggccc	360
cgtggagggc	gcccgtagt	ataagcacac	cggcacgaac	gtcaggtcca	ttcctcgaag	420
tcggagccct	cactctgccc	tgtcctgggg	ctggctgagg	gcgaacgccc	cacctcactt	480
tctagagccc	tgtctgtcct	agctcctatc	tgacctgttg	tgtaaatacg	tacatctggt	540
tttaaagtgg	atgggcccct	gagaactcag	tgaaatgcag	agttctccat	gcacctaaag	600
ctcctttgtc	gctctcatgg	ctgtcagatc	ctggctccctc	cacactgggt	gctggggagg	660
gaggaccctc	ggggctaccg	cgcgcccccc	catcccacag	atcaggagcc	aaggagggag	720
aacagggcag	cctgtgggac	tctaggatgc	ttcagaagaa	gcgacggcac	cgtcaaccct	780
ctgtttttta	aaggtggttg	gagactgtta	acactgagct	cattgacttc	tagagatttt	840
atttttactg	gttgatctct	tgggtgtttt	caacttcctg	ctggaaacta	gaggtggggc	900
acccccccacc	ccccagcctc	gcactgtgtc	cttggggagg	gcccccccc	atcctggccg	960
gtgtcactgt	ggccccggcca	ccctgagcgc	cccagctccc	tacctcctgg	acgtctctga	1020
gagtccaggc	agagcagagg	gcagcgctcg	gccggtcatg	ctggctccct	tggccttgca	1080
gcgagcccct	ggcccacgcc	gagcgaggga	tgcttctccc	tacagcatgt	ccactcccc	1140
ggcatggcca	ggtggggccc	ctggggcaat	ggcagtggta	gaacgctcaa	cttgggtgcg	1200
gtaccatcag	cccacctgca	tttggttttc	gacttgcttg	ttctaagtca	cagcgccctc	1260
attttttttag	caaggtaaaa	aaacaaaaat	gggtgtttatc	tctgatattct	tgaaccagc	1320
gttctgaata	gaggtagggt	gagttttcta	ggggaaaaca	aatggagaaa	agaggcatga	1380
agaaaagtaa	accgagaaca	taattaggca	tcgggcctaa	gtgtcctggg	gagattggag	1440
gggacggcag	cgttctgcat	gatggaggcg	ctgccggggc	ccgggtctgt	gggggcccgtg	1500
ctctcagggc	gtgtgcggga	cgccacctgt	gcacacctgc	tcagagcacg	gctcctcgca	1560
ggggtgaagg	ggcagaccaa	cgaaccaga	tgagaccaac	gacaccatgc	gagacacgct	1620
tgcagacact	gttgttttgg	aaatgtgctt	ccctccatct	gaaatctcat	ccctccaccc	1680
gcccactcgg	gcagctgtgc	tgtgggcagg	gcagcgctc	ccctggctga	gcaccccaga	1740
gatttctctg	caccttctc	atgccgcacg	ctgctcatcc	gtctccatgt	gtgttttagat	1800
ccatgccatt	cactgactca	ctaaccacct	caaaatcttt	aaggaaaaaa	gctgaagggg	1860

acgaccatgc	acatatgtga	cctggaaaat	gcaaatttag	atcttttatg	atttaattgt	1920
tatttggttt	tccccatagg	gaggtttccc	ttccctttgg	aaattaatat	ataatgtata	1980
aattctggca	ctgagccatg	gcggagctgg	gcagccccta	ggttagagtg	gagacggagg	2040
cccaggcgca	ggggtcacac	ctcatctggt	ttccttccca	tctcacagct	tagcttgtgc	2100
ttctcaacac	caagtcttta	agagcaataa	aaactacacc	atgaaatgtt	tgaatttttt	2160
ttttttgggg	gggggagggt	ggattttgct	tttcatccag	aaggaaaagg	ggaggagagc	2220
tcctttacat	tttttaaatt	aaattcataa	atcccagctt	aggcccaggc	aacagcagcg	2280
tacgcttttc	aaagatcatt	gagttgtctt	agaatttgaa	gctgtgtaat	gacaatgtca	2340
cctggagttc	gtctccattt	cttaactttt	tgttgcaaaa	gtatttggac	agaagtgcga	2400
ctgtgaatga	gatactgaaa	tgcactaaat	tgtattacat	taaactggag	ttacttgata	2460
caatgaagaa	atgcatctga	tctacttgta	tttattgtct	cagaattgta	cgttgtgaca	2520
atcaaagtgt	acttgcctaa	atgccaggaa	attcaactgg	ccttttaatc	agcaagatcg	2580
ccagcaagta	ctgtaactgt	aaaggaaaat	ctctctctct	ggagaaccca	cacaaacccat	2640
tgacctgagt	gcgcatgaca	gccactggct	tctttttcta	tgattgaaaa	tctgccatcg	2700
ctgactgttg	gccagtttca	aagggaacca	ttgtatacag	ggtgcaaata	tattatacgg	2760
atgtttcctt	ttgtacactt	cattttttaca	agttttgcta	ctcacaagct	ttatgtagtg	2820
gaggatagag	gtattttttg	tcttttagaag	cttgtcgggg	tgagggctgc	taacttacac	2880
ttcagaggcc	tgtgtcccaa	aggcctggct	gcgtttgccg	tgctgtgcga	ggacctgtgt	2940
acacaggcag	gtgtgcgcct	gcccagagcg	gagtagctct	tgtgtagtgg	tgaaatgctg	3000
caggcatctg	tttattaaaa	ttgctgctgt	gaaagacagg	gataaaatat	ccacaatata	3060
agagaaagcg	actcctgtcc	tccttctgtt	tcttcgtttc	cagtctgcat	agatgtctcc	3120
aaggggaaac	cagggccacc	aggcactcct	gtcccatggg	gccaccacc	ttcagagccc	3180
actcccacgg	gctctgtttc	cttggaggcc	atcctgccga	tggcactttt	caaggccctc	3240
ccttccctac	gagttgtctt	ctgggagggg	aaattgaaaa	ggagagcggt	cacctggcaa	3300
aaacacaggg	gaaatcagcc	agtccacaaa	aatacgcaaa	atgacctgat	gatgtccaaa	3360
aaagggtttt	aaaagcgatc	aaggacaaaa	gggtt			3395

<210> 8683

<211> 1056

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (759)...(1052)

<223> similar to gi5816699 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8683

tttttttttt	ttggagagaa	ggataagcca	tttattaacc	ccaagccctt	agcaccagct	60
gtcaccttgg	acttgttgga	gatgcagggg	ctagaaaagga	aatgacagag	tgtacaggcc	120
ccttcgacct	cgtgtcccat	aggtggtggc	ccccagacac	accctctctg	ctggcagtg	180
agaacatgca	tcccaatacc	ctagaggaga	aacaccaccc	cagggagagc	cctttctgct	240
ccaacctcct	gggcaggtcc	caggttgggg	cagcagccat	ctgcaggtgt	ttgtcaggcc	300
tggccacaca	tgcggacaga	ggatacgact	gggttaccct	aggtgtggg	gagggtcggc	360
ctggggctcag	ggggcatgaa	ggctgtgttc	cagactcctc	ctgcccccaa	tcctctgtgc	420
ccctgctgga	gctctcctag	cttctctgat	ctgtgtctct	gtctttgggg	agctgcccg	480
tctccaggaa	gagccagagg	ttgttgcat	tctccgactc	cactctcgtc	accccgtagc	540
tgaccacaga	gcctgcaacc	acggccacta	ggaggctcca	ctgcaaaggg	tatggaaact	600
tcctctgaat	gaacatctgc	aagccaaagg	ccatgccggg	gcctgtgacg	aaggtgaaaa	660

cgcccttcat	gaaggcgtgt	gactggcatg	cggcatactc	cccgagtcce	tgggggtggca	720
gaggcgggtg	aaggctcgat	cccctgccct	cttccttcac	cgcctctcct	gtccctcctc	780
tgggcacacc	ctggctgtgg	aggagtgaga	ccctgggcgc	ttggacacgt	cccacctccc	840
ctatgccac	ccggacgccc	tgagcccctt	agcaagagag	tgcccccagc	ctccgccact	900
cttccttgac	gagggcaccc	ccacgccccg	gccccccgcc	tcgctcaggt	cagcttctgg	960
ggtttgaggc	ccgcgtccca	gaccggcctt	ctcaccgggt	gcttggcagc	cacggcgtcc	1020
tccaccggg	acagacccaa	gttcaccatg	gttggc			1056

<210> 8684  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (111)...(407)  
 <223> similar to gi5870129 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8684						
tcgtgagttg	gagccactta	gggcggagaa	ggcctgggcc	gaggccgctc	ggcctgggcg	60
ggagagaccg	ggaccttggc	ggttaggctt	ggcatggggt	cgaggaaaag	acggtggtca	120
agagcagcat	gatgctgcag	catattgatt	acaggatgat	gtgcattctg	catgacggcc	180
gtatctttat	tggcaccttt	aaggcttttg	acaagcacat	gaatttgatc	ctctgtgact	240
gcatgagtt	cagaatgatc	aagccctaga	acttcaaaca	agcataaagg	gaatgagaag	300
cgatcctcg	gtctggtgct	gctgcgaggg	gtgaatctgg	tctcaatgac	agtagaggga	360
cttctccca	aagatactgg	gattgctcga	gtttcacttg	ctggagc		407

<210> 8685  
 <211> 1869  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (652)...(1849)  
 <223> similar to gil334643 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8685						
tttttttttt	ttatgacaaa	agtgtttaat	gtcccataat	gtgcagcttc	taagtgaaaa	60
aggcccgtaa	atcatccacg	ggccgtacat	tctcatgaca	gagcagccgc	cctcctcggc	120
cccccaagag	ggaggcatag	gcagggagtg	ggccctgtga	ggcacggtcc	tgagtgtgcc	180

cgccaggaac	gcacacgtgt	tagtgccac	atgaaacagg	ggtggggcgt	gacatttaca	240
caggagagaa	ccacagacac	ccatgtgagg	agacacgagg	ggcacagggtg	accatggggc	300
agggaaacacc	ccagtccatg	catggctgaa	tccacgagga	gcgcgagctg	gatgggtggga	360
gtcacgcggt	aacgggctca	ggtctcctag	gagcagaaca	ggcccagggtc	ctcaggagac	420
ctcgtgcca	gggcagcggg	acagacctga	gcctgcccac	gagaacttga	gtgtgcaaac	480
ctgcgcacag	gtgtgagaac	agactccagg	gagagtgttt	aaggagaaga	cacagacaca	540
cataagaccc	acttagtggg	gaatttgga	gaccccagg	aaagggtggg	aggcccagag	600
cagcaagtag	aggggagtg	gcactctgtc	ccgggactcc	cataggctcg	gcagggccag	660
agacagcctt	gggggtgaga	ggccagagcc	aagggccctg	catctgagag	tccaagggtc	720
taggaaggct	cagggtggga	gggcccagct	tcaccataga	caccagggtc	cacgctggct	780
tggggagaag	gtgcaggtat	cagatgagcc	tcaggcctca	ctgctgctgg	ggcagcctct	840
gctgctgccc	cactccaccc	acacgaggcg	ggcctgctcc	tgcaggatgc	ggccgcgcac	900
caccttggcc	agctcctctg	cgtgtcccca	ctcatgggcg	ggcacctgca	cccaggagca	960
gggcagcccc	cagagcacct	gctctgagcc	acggcactgc	cgcagcagct	ctgagtcccg	1020
ccagcccggc	cggcccagca	gacccctgac	ttcccggaca	ttcttctcag	tcacctccac	1080
gtggatgacg	atggggtaga	tctcgttctg	caccagctcc	cgcacacccc	gagcacccag	1140
ctccagcagg	cagtgttctt	gcttcccaac	agactcctgg	atggcccgga	tcctgctgcc	1200
tagcccagg	gtggcaggct	gagcctttgg	gggctccagg	cgtgaggat	gggcacagtt	1260
cctccccaga	gaggctttcc	gctgggcaca	cttggaagtc	cagccgggag	ctgggcagg	1320
ctagcagggt	acggatgagc	cggggcgcca	ggcactcagg	caacagcacc	acgggcccga	1380
gggcagacac	cagtagcggc	cgcaccaaac	tgtagggtct	gaggctccgc	tccggctctg	1440
cacagggtc	cagcagcagc	tgatccgggg	agtcacctgc	aggcgcccc	acgggcttgg	1500
gcctcaccag	ccgcagctgg	tccagggtc	tcttcttcag	attactgcgg	gggcctcggt	1560
gccggctgga	gggcaggcat	ttctcctgaa	cttctaggag	ctgctgggct	ctctgataat	1620
tgggcacggt	gccccgggtc	aggtcccga	gagtggggg	gtcaaccgg	gtgcagaacc	1680
attcctgcct	ccgcttgat	gccgagtcca	cagtcgaag	gatctcttgg	gctttcacgc	1740
aaagggcctg	gggatctgcc	ctctcaggca	aggtgaggtt	ggcacgaatg	tagaagggtc	1800
cggcacctgg	tccctttgcc	caggcttcta	gggcctcgtg	gaaggactgg	caggccttcg	1860
agtccatca						1869

<210> 8686

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (183)...(736)

<223> similar to gi3005599 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8686

cctgcctctg	gtcggttcct	ggcgctctgc	gtttcgtgac	cttgtccagt	agaaggctat	60
ttaattttca	caactgcttg	aattttgaca	tacaagatga	agcaagatgc	ctcaagaaat	120
gctgcctaca	ctgtggattg	tgaagattat	gtgcatgtgg	tagaatttaa	tccctttgag	180
aatggggatt	caggaaacct	aattgcatat	ggtggcaata	attatgtgg	cattggcacg	240
tgtacgtttc	aggaagaaga	agcagacgtt	gaaggcattc	agtataaaac	acttcgaaca	300
tttcaccatg	gagtcagggt	tgatggcata	gcttggagcc	cagagactag	acttgattca	360
ttgcctccag	taatcaaatt	ttgtacttca	gctgctgata	tgaaaattag	attatttact	420
tcagatcttc	aggataaaaa	tgaatataag	gttttagagg	gccataccga	tttcattaat	480

ggtttggtgt	ttgatcccaa	agaaggccaa	gaaattgcaa	gtgtgagtga	cgatcacacc	540
tgcaggattt	ggaacttgga	aggagtgcaa	acagctcatt	ttgtttctca	ttctcctggc	600
atgagtgtgt	gctggcatcc	tgaggagact	tttaagctaa	tggttgacaga	gaagaatgga	660
acaatccggt	tttatgatct	tttggcccaa	caggtatatt	tatctcttga	atcagaacaa	720
gtgccattaa	tgtcagcaca	ctggtgctta	aaaaacacct	tcaaagttgg	agccgttgca	780
ggaaatgatt	ggtaattttg	ggatattact	cgggtccagtt	atcctcaaaa	taagagacct	840
gttcacatgg	atcgagcctg	cttattcagg	tggtccacaa	ttagtgaaaa	tctgtttgca	900
accactggtt	atcctggcaa	aatggcaagc	cagtttcaaa	ttcatcattt	aggacaccct	960
cagcccatcc	tcatgggttc	tgtagccggt	ggatctggac	tgtcctggca	tcgaactctc	1020
cctctgtgtg	taattggagg	agaccacaag	ctgttggttt	gggtgactga	agtataaagt	1080
gttttctgta	ccttacattc	acaaactttg	tatttttagt	acataatttg	aagaatttct	1140
atagtacata	ttttgaagaa	tttttatatc	aaatataccg	tatacttttag	aaaatgtctc	1200
agttgctttt	attaaataaa	atgttgatgg	tttgaaaaat	taatt		1245

<210> 8687

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (30)...(387)

<223> similar to gi804809 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8687

cacacatttg	atcattcaga	ggataaaatg	aacaatttct	tgaaagacac	aaaccaccaa	60
aactcagtca	tgagagaaatg	actgatgtga	acaggcttac	atgtattaaa	taaattgaat	120
cattaataac	ttcccagaat	agaaaacatc	aggatgaggg	tttcacactg	gtgaattctg	180
gcaaacattt	acggacaaaa	cgatactagt	attctaccat	ctcttccaga	aaacaaacag	240
tggggatact	tcttaactca	atcttttgagg	ccagcacttc	cccaatacca	aaattaaata	300
aagacatcat	aagaaaggaa	aattacagac	taatatgtct	catgaacatg	aatacaaaaa	360
tcctcaacaa	aacattatca	aatc				384

<210> 8688

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (250)...(356)

<223> similar to gi4379026 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters



```

<400> 8688
ctttgatatc agagtaatgc tgccttcata aaacgagttg ggaagtgttt cttcctcttc      60
tttttctgga agaatttgag aaggtttgat gctaattctt ctttaaata ga ttggtggtat      120
tcaacagaga agccatctgg ttggactttt cttagttggg aaatttttga ttcattggttc      180
aatctcttta cttgttatag gtctggtgag aatgttaatt tcttcttgag tcagtttagg      240
taatttcagt attttttagga acttgttcat ttcattctgag ttattctgatt tgttgtcaca      300
caattgttaa tattttttata atgcatttta tttctctaaa gtcaacagta atgtaccca      359

```

```

<210> 8689
<211> 368
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (133)...(371)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8689
gcaaatgttt aaaacttaag cacaatatgag taggagaaag gtacaactac agaaaaccac      60
caaaacacaa tgccaatcaa gaaaagagaa aggagcaaaa aatatagaaa agaaccacaaa      120
acaattgact atatgacagc atcaaaatgt tatatatata taaccaccta gaatataaat      180
gaattaaact cttcacttaa tagatataga ctactgaat gaattaaaaa aatgacttaa      240
ctatttgctg tctacaagaa atgtacttta cctgtaaaga cacatataga atgaaagtaa      300
agggaatgga aaaagtctac tcaaatggaa actaaaagga agccagagta gctgtgctta      360
catcagat

```

```

<210> 8690
<211> 820
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (421)...(723)
<223> similar to gi5824553 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8690
accgctgagg acgcggaacc gccatggcgc ggaagaaggt gcgtccgcgg ctgatcgcgg      60

```

agctggccccg	ccgcgtgcgc	gccctgcggg	agcaactgaa	caggccgcgc	gactcccagc	120
tctacgcggt	ggactacgag	accttgacgc	ggccgttctc	tggacgcg	ctgccggtcc	180
gggcctgggc	cgacgtgcgc	cgcgagagcc	gcctcttgca	gctgctcg	cgctcccgc	240
tcttcggcct	ggccgcgctg	gtcacgcgca	agtcctggct	gtggcagcac	gacgagccgt	300
gctactggcg	cctcacgcg	gtgcggcccc	actacacggc	gcaagtgcgt	gcaccccgtc	360
cgcaccccga	ccctgcagcc	ggctggtctc	cccgctccc	ctcctccctg	caggtttgcg	420
tggetgaggc	tcccacctcc	tgacctcg	ggccgagagc	tttgcgagct	gaccccgctt	480
gcttatggct	ttgcacaact	tggaccaagg	gaaggcctgg	ggcatcctga	ccttcaaagg	540
gaagactgag	agcgaggcgc	gggagatcga	acacgtcatg	taccatgact	ggcggctggt	600
gcccgaagcac	gaggaggagg	ccttcaccgc	gttcacgcgc	gcgcgggaag	acagcctggc	660
ctccgtgccc	taccgcctc	tcctccgggc	catgattatc	gcagaacgac	agaaaaatgg	720
agacacaagc	accgaggagc	ccatgctgaa	tgtgcagagg	atacgcatgg	aaccctggga	780
ttaccctgca	aaacaggaag	acaaaggaag	ggccaagggc			820

<210> 8691  
 <211> 2077  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1086)...(1976)  
 <223> similar to gil911490 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8691						60
tagacctgaa	cgttccttg	ggttctggga	ggatggttga	ggtcttctgc	tgatctctga	120
ttttctgggt	cttgtgtgcc	tcccagaacg	tgtgggctgt	gttgatctc	tacgggccag	180
tccggtgttg	tgtcaattgt	cagttccacg	agactggagg	agtcagaagg	caccagccct	240
ccttccccca	gttcagacac	cggcagttag	ggcgaggagg	atgacgaggg	cgaggagcat	300
ggcctgggag	gccagaatga	agtgggtatt	ataccaccca	ccctcgagtt	cctggagaac	360
catgggaaga	atatectttt	gtctaattgg	aaccgtacgg	tcacacgggt	ggccagctac	420
aatcagggga	tcgttgtcat	caaccaacct	ctggtgcccc	agctgctggt	gcaggtgcgc	480
atagatttcc	taaaccgaca	gtggacatct	tcccttgctc	tgggagtcac	cacctgcgcg	540
cctgagaggc	tcaacttccc	tgcttctgcc	tgtgcccctc	aacgggcagc	ctggctgctg	600
cggggccctg	gggtcttcca	caacggtctc	aagatctgcg	agaagtgttg	gccaatctg	660
gacacgtgcc	ctgaaggcac	catcctggga	ctgcggctgg	acagctctgg	ggggctgcat	720
cttcatgtta	atgggggtgga	ccagggggta	gctgtgccag	atgtgcccc	gccctgccat	780
gcgcttgtgg	acctctatgg	gcagtgtgag	caggtgacaa	tcgtgaacct	tgagccagg	840
gctgccagtg	ggaaaagtgc	tggaaaccaa	ggggacatgg	agaaagcaga	catggtggac	900
ggtatcaaag	agagtgtgtg	ctgggggtcca	ccacctgccg	ctagtctctc	aaagagctgc	960
gagtaccatg	cccttctgct	tcgcttccaa	gaactcctgc	tgcttctctga	agattatttc	1020
atgcctccgc	caaagcgaag	cctgtgctac	tgtgagtcct	gccggaagct	gcgaggagac	1080
gaggcccaca	ggcgagaggg	ggagcctccc	cgggaatatg	cactgccctt	tggctggtgc	1140
aggttcaacc	tcagagtga	tccccgcctg	gaggctggga	cactaacc	gaagtggcac	1200
atggcatatc	acgggagcaa	tggtgccgct	gtacggagag	tgctggaccg	aggggagctg	1260
ggagcaggtg	ctgcctccat	cctgagctgc	cgctccttga	agggagaacc	tggggtaggg	1320
ttcgaggagc	ctggcaagaa	ctgtgcacct	cctcgggagg	agcagcccc	tcctgtgctg	1380
ctttccccct	cccttcaata	tgctggggcg	gagaccctgg	cctccaaagt	gcaattccgg	1440
gaccccaaat	cccagcggac	gcaccaggct	caggtggcgt	tccaggtgtg	tgtgcgcct	

ggctcctaca	ccccgggacc	cccttccgct	gcccttggag	aacctcctga	ccctcacttc	1500
agtccagccg	aacttgagtg	ggtcactaag	gagaaggggg	ccacactcct	ctgtgccctg	1560
ctgggtacggg	tggaatgagg	ggtgagacac	cactactaca	agcacagtcg	ggccgcgggc	1620
ccatggactc	tgagtggcga	ctgcctccac	ctcattcccg	tgactcgtgg	catgcgcagg	1680
tgctggagct	tggcagccgc	gcaggagcat	gtaggcaggc	tctcagatgt	aggtggcaag	1740
tggcacagct	ccatgtccgg	aggcccagca	ctccgtctga	tgggaggagc	cgtgggagcc	1800
cagctccagg	ccctggtacc	cctcttcatg	cactgatttg	gggaacatga	ctccctttta	1860
ctccccctacc	ccacatcact	taattttat	ccgtttttgt	ttctggttac	tgtgaatccc	1920
agaggagtct	ctccctgtgc	ccacatgaag	ctgctttttc	cggggccacc	gggcgggagt	1980
ggggaagggt	gggcgcacgg	aagatggggg	cctctgtaca	gttggttactg	actctgattt	2040
ctaaggagcc	aataaacacc	gtctcagaaa	aaaaaaaa			2077

<210> 8692  
 <211> 2122  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2123)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2095)...(2122)  
 <223> similar to gi451544 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8692						
ggttgtgcgc	gcaaagccgc	gcggggctga	gggtcttgtt	ctgccggcgc	ctgtccggac	60
ccggggccct	ctccgctttc	ggccggcctc	gggcaccggg	cttctggagc	tcccggagcc	120
ctgcctgttc	cctgaccatc	caggccagca	gctgaaggag	cctcacctgc	ctcccttctc	180
tgagtagcac	ggatttgagg	agaagcagcg	aagatgtcca	gcgagcctcc	ccctccttat	240
cctggggggc	ccacagcccc	acttctggaa	gagaaaagtg	gagccccgcc	caccccaggc	300
cgttcctccc	cagctgtgat	gcagccccct	ccaggcatgc	cactgcccc	tgcggaacatt	360
ggccccccac	cctatgagcc	gccgggtcac	ccaatgcccc	agcctggctt	catcccacca	420
cacatgagtg	cagatggcac	ctacatgcct	ccgggtttct	accctcctcc	aggccccac	480
ccacccatgg	gctactaccc	cccagggccc	tacacgccag	ggccctaccc	tggccctggg	540
ggccacacag	ccacagtcct	ggtcacctca	ggagctgcca	ccacggtgac	agtgtctgag	600
ggagagatct	ttgagggagc	gcctgtgcag	acggtgtgtc	cccactgcca	gcaggccatc	660
accaccaaga	tctcctacga	gattggcttg	atgaatttcg	tgtctgggtt	cttctgttgc	720
ttcatgggat	gtgatctggg	ctgctgcctg	natccccctga	cctcatcaat	gaacttcaag	780
gaatgtgaac	gcacacatgc	cccagctgca	aagcctacat	ctacacgtac	aagcgctgt	840
gctaacggag	ctgggactcg	ggactcccc	gcctgtcagt	ctggccccct	gtgctttgct	900
ccctgcgctc	agtggtcact	ttcccgtctc	cacttggggc	tgggagccgt	gccaccatcc	960
cctagaagtc	ctgtcctctt	cacctgccc	tacctgagcc	gctgactctt	ctggcaaaaa	1020
ttctgtttgg	atttaaggcc	aagggtcagt	gggtggcagg	gggctggcaa	tgagcttgtg	1080
tgttgtttgg	ctgcttgggt	tgtgtgatcg	ggaagataag	ctgggagggg	tctcctgctg	1140
gggtcctgat	gcctctgttt	ccaaacaagg	tacaggttca	gtccagactc	tttccccctg	1200
ggaccaacag	cagccagagc	agttagccag	ttagtcccca	ggcctgtggc	cacaggcggt	1260

tctgacctgc	tgggccgaga	atgggtaagt	tgtctggagt	caggtgggcc	cacgtaggac	1320
agggtcacaa	agcctgggtt	tgtttctggg	tactttgcgc	ctttgggggtg	ctagagggtgg	1380
ggcatgggtg	ctggaagtaa	aactgccaac	tctggccctc	agaactctca	ggtatagaag	1440
cccaggatgt	ctaataccct	gtcccagtgc	ccgagagctg	cctgggtgtca	ggtagagagg	1500
acactgtacc	tgggtgaatg	atcagaccct	ggtagctaag	aaggaacttg	tccctttgag	1560
tcagtgtgca	gacccccctt	caggccatgc	ctctgtgaac	cctgtattgc	tggggccgga	1620
aggagccccct	gagcctagcc	ccttcccgtc	tgccctgtgt	cctcactgog	tgtgggtatg	1680
acctctgcct	gggtggctgg	gtatcccaac	tgggcaagag	atggcagagg	gtcccccttg	1740
tgggtgcgct	tggatgtgca	gagccttctc	catggatttt	cttccctgta	agtgccgggc	1800
ccctcacccc	agctgacagg	ctgttgctgt	gcctgctcac	acctgctcct	gcaggcacac	1860
tgggctaggg	acgaggaagg	agcagccaca	agtggtagaa	ctgccttggg	ggacaccagc	1920
ctcgccctgt	ctttatttcc	tgaatggttt	gtgaacttgc	tcacctggac	cactgtatcc	1980
tgccactgtc	cttcctggtc	tcgcaactgc	actgcatggc	ctcctgtcac	tgtgaatcgt	2040
ggcccagtcct	cagtttgtag	tttctcatta	aattggccct	ttcactcccc	cgccctggga	2100
aaaaaaaaaa	aaaaaaaaaa	aa				2122

<210> 8693

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (14)...(398)

<223> similar to gi1857137 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8693						60
actgagacga	ataatgaact	taattatcca	taaagacatt	ctggttagaca	ttccagctaa	120
taagggtacg	catgatgaat	ggacaaggcc	cgacccccacg	aggatcgcg	gatgaaatta	180
catgctgaag	aatgcctagt	ggcccgtata	tcatggacat	agggcatgat	gatatgggag	240
actcagacac	gaacactaag	ccttctccaa	aatttgctgc	tctggacaga	aagctatctc	300
acggctactc	agcacatccc	ttacagaact	catcacactc	aaaatctcca	atgaacactc	360
acccaaactc	cagatccgga	gtcatattta	cctgagggca	gtgagtgaag	cctccatcaa	396
ccggagcctg	gacagcctgg	aacctgcagg	cttgct			

<210> 8694

<211> 566

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(567)

<223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (341)...(566)  
 <223> similar to gi4098124 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8694  
 cccacgcgtc cgcagcaaag ctccatctgt cggcagagga gaagggggag gaggcacggc 60  
 cgaggcaaac gagcggacgc ctcgtcgccc ggtgccggtg taaccccgct gcaacgcctt 120  
 ccagcaaaag ccaccgcggc ccgggttgca gcagccggac ggatgccaag gccacacggc 180  
 agccacgggg gcagccgtcg cagtcgccgt cccacacggg ctgcggacac caagggttgc 240  
 taatgaagtg attgagaaga aacagtgaac atcctcattt cacagataag acaacatgga 300  
 tcagcctttt actgtgaatt ctctgaaaaa gttagctgct atgcctgacc atacagatgt 360  
 ttccctaagc ccagaagagc gagtccgtgc cctaagcaag cttgggttgta atatcaccat 420  
 cagtgaagac atcactccac gacgttactt taggtctgga gtagagatgg agaggatggc 480  
 gtctgtgtat ttggaagaag gaatttgga atgctttgtc ttataataa ttttaccttt 540  
 ttgtgaaant tctaccang agttcc 566

<210> 8695  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (90)...(390)  
 <223> similar to gi4583418 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8695  
 agaattaagt ctcccacagc cattggagta gcttttatgg acagaagaaa ccctttccca 60  
 gccggtgtcc gtcttcccag ctcccgcga tgctcgccaag tgaatccatc ctgccgtccg 120  
 tctccacttt caccagccc taccgcaagc gccgcctgca ggagcgctga ccctgcgccg 180  
 agcccgaggg caggggaacc cacaactacc tcaacagcgt gtgggactcc attcggtcca 240  
 cagggctgga tggcctgggg ccgaggccac cccgaagccc ccggcgaccc caccgtctgc 300  
 gtctattac ccgaacactg cagcccgctg ccctagggcg ccctggagct ggacccgctg 360  
 ccagaaggcc cgcgctgctc cggacgcgtg gg 392

<210> 8696  
 <211> 646  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (156)...(590)  
 <223> similar to gi1613848 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8696
atctaaagga cttcataaaa gcatgtgggt gctatataaa aggatatgtc taggccaag      60
taaataaag tacaacaaaag cagctgttga tcaggatatgg cttagtaata cttcccttcg    120
gaagtacctt gcattttacc agcattttat ttcttttagg ttgttggtat ggagcaaaag    180
acgagacacc ttctaagcag accctttcta tacaacagga gtccccactc aggacacatt    240
ggacaggtgt atgtaccaag aaggtccacc tctggggaat gtgtggccct ctcctgggag    300
atatcttaca ccagggaaca caacacaatc agaaattgaa tgggtttggg gcatatgaaa    360
aaaaattgga tgacgatgca aaccatcatc aagaccagaa gcagcacatt ggagagaaat    420
cgtacagaag caatgccaaag ggaacatctt ttgtaaagaa ctgtaaattc catatgtcac    480
atgagccatt tatctttcat gaggttgagg aagacttttt gtccagctct gagattactc    540
caacaagagg acattcacia ttaagggaag tcaacttttg aaactaagca tgggatgtat    600
tgcggccgct ctagaggatc ctaacttcgt cggggtcgct actcca                      646
  
```

<210> 8697  
 <211> 930  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(931)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (602)...(930)  
 <223> similar to gi5726236 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8697
ggcagccttc ccttggtggt taatcattgc agggatgcct ctctgattat acaccacgt      60
ttcaaggggtg tcagaccacg cagggacaac tgccttggtc cttcaccctt agcagcaagt    120
cccgtttttc tggggaaggg gcaagtaccc caacccttc tctccgtgtc tctaccctt    180
ctctgctttt cgggggacag ggcaagtacc ccaaccctt ctctccgtgt ctctactcct    240
tctctgcttt tctggggaca gggcaagtac cccaaccctt tctctccttg tctctacccc    300
ttctctgctt ttctggggca ggggcaagta cccctcaacc ccttctcctt cacccttagc    360
ggtaagtccc gcttttctag ggggcagggg caagtacccc cccaaccctt tctccttcac    420
ccttagtggc aagtcctgct ttctggggc aggggcaagt accccttaac cccttctcct    480
tcacccttag cagcaagtcc cacttttcta gggggcaaga aaccccaaac cccttcctc    540
cgtgtctcta ctctctctt tctctgggct tgcttccttc actataggca accttccatc    600
ctccattcct ccttcttctc ccttattctg tgttctcaag aacttagaac ctcttcaact    660
  
```

cacacctgac	ctaaaaccta	aatgccttat	cttcttctgc	aacaccgctt	ggccccaata	720
caaacttgac	aatggctcta	aatggccaga	aaacggcatt	tcgatttctc	catcctacaa	780
gacctaaata	atTTTTgttg	aaaaatgggc	aaatggtctg	aggtgcctta	cgtccaggcg	840
tttttcacac	ttcattccct	ccctagtctc	tgttcccgat	tcctcccaaa	tcctccttct	900
ttccctcccg	cctgccgtgn	nncgggaatt				930

<210> 8698  
 <211> 215  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (31)...(6)  
 <223> similar to gi28334 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8698		
cggccgagtc	gacgtttgct	gagaatcatc atggaccatt atgattctca gcaaaccaac 60
gattacatgc	agccagaaga	ggactgggac cgggacctgc tcctggaccc eggcattggtt 120
agaaccacgc	atacaccga	ctttctccgg catggtgtaa ctcccacctc ctttaaggggt 180
ttccccttat	aaaaaacata	aaaaaaagtt gacgc 215

<210> 8699  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (134)...(372)  
 <223> similar to gi1916229 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8699		
ggaatatctt	gtttaaagta	agacacaatt ttctgccac cataaagggg aaagcacaaa 60
gcagggtggc	ctctttgcat	cttgaaggca acccatgtga cagttggaca tgctgctaca 120
atctatttag	tgggttaaag	taaggctttt ccatgacatg attgcctatg aagaaaattc 180
tgagaaataa	acctccaaaa	tcctcttaga actaataagc aagtgtagta aggtcaaagg 240
atataagacc	aacacacaat	aatcaattcc atttctatat actaacaatg aacaggaaaa 300
caaatattaa	aaactcagta	ctatttacaa tcactccaaa gataatgaaa tacttaggta 360
caggattgta	tgatg	

<210> 8700  
 <211> 845  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (243)...(847)  
 <223> similar to gi2529737 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8700
tttcgcgggg cttcttcagg cgggtggcggc agcagcgaag gtggcggcgg cagcagcggc      60
agcggctatg gtgtggctgc tcgattctcc cagtgcctgg ctgagtttcg gacgtgggta      120
agaaccaact ggttgagggt caatgcagac aagacggatg tgatgctgta gaaaatgtgc      180
atcagatgtt tatgtttaat tggtttacag actgtctgtg gactcttttc ctgtcaaatt      240
accagccatc tgttgaatct tcaagtccag gaggttcagc aacatcagat gaccatgaat      300
ttgatccatc agctgacatg ctggttcatg attttgatga tgaacgaaca ttagaagagg      360
aagaaatgat ggaaggagaa acaaacttca gctctgaaat agaagatctt gcaagggaag      420
gcgacatgcc aattcatgaa cttctcagcc tttatgggta tggtagtact gttcgactac      480
ctgaagaaga tgaggaagag gaagaagagg aagaagaagg tgaagatgat gaagatgctg      540
ataatgatga caacagtggc tgtagtgggg aaaataaaga ggagaatata aaggattcat      600
caggtcagga ggatgaaact cagtcttcca atgatgatcc atcacaatct gttgcttctc      660
aagatgcccc ggaaataatc cgcccacgtc gatgtaaata ttttgatata aatagtgaag      720
tagaagaaga atctgaagaa gatgaagatt atattccacc ataatctcct ttttccagtc      780
ttctgatgga atataatctt catcttcttc agaagactgg aaaaaggaga ttatgggtggg      840
ctcct

```

<210> 8701  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (346)...(396)  
 <223> similar to gill22422 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8701
ggcacgagcg cgtagctgac gtcggagggt cgcggctcta acggagcttt ctacgaggga      60
tttatcctag atgctcatga ggactacctt acagaggatg ttgatattta ttgacatcca      120
caacgcctgg ttacatttaa tgaagttaga tataccatct ccatctgata tatatataga      180

```



aattactgac	ggatatgaag	tagaggtata	ttctagagca	tatgtccacg	agccctgtgg	240
ctggcgcgcg	gatacacgca	cgctgacgca	tggagatata	tatgtcattg	agtatgctgc	300
ttgctacgct	acttacgatg	acatactcac	atttgatcga	ctttggcctg	tcaatcaaaa	360
tatgactgtc	agagaaaata	ccttctttta	atgc			394

<210> 8702

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (24)...(277)

<223> similar to gi38479 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8702

ggcacgagcc	cagccgccc	gagatgaccg	agaccgaagc	cctcctgcgc	gtcctcttgc	60
atcctgctgg	ctttcggaca	cagcacctat	ggggctgaat	gcttaccggc	ctgcaacccc	120
caaaatggat	tctgcgagga	tgacaatggt	tgcaggtgcc	atgctggctg	tgactgtccg	180
ctttgagacc	tctgcgtgac	ctctgacgac	tgcttgcgac	gactctgtgg	agaacccctg	240
cagagcacat	gcaccaacga	ctttcactgt	gaaatctgag	aatcacaatg	acattacgtt	300
aatgtctaag	tctatgtcta	tcttatataa	ttctcgacaa	tattctaaag	aagagttcta	360
ttgataactt	cgtgtgcgtt	gtcgtgcctc	gctcag			396

<210> 8703

<211> 335

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(329)

<223> similar to gi2276396 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8703

ggcacgaggg	attcaagcct	cgtgaacgaa	gcgggtgggga	gcaggcacag	gactgggatg	60
ctctgccacc	caagcgcccc	cgactagggg	caggaaacaa	gatcggaggc	cgtaagccta	120
ttgcggtgct	ggatggggcc	aatttgagga	caggccatga	aggaaatata	aactacctac	180
gcgcccgta	ccagcacgct	catctaatac	tgactgatcg	caaggaatcc	tgaatgagcc	240
ataccagata	cgagtgcgct	tagtcagatg	acgctgtgaa	gatgaacatg	aaccgatcag	300
cgttgtacta	tggttaccta	tgtacctgct	accac			335

<210> 8704  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(366)  
 <223> similar to gi37725 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8704

ggcacgagca	tggatctcat	gcgcaagatc	atgaagcacc	tggggatctt	cctcctgatg	60
gagggcggtc	ccagatggct	cctgtcccag	ctgcagctgc	aggagtccgt	ccccggactg	120
gtgaagcctt	cggagaccct	gcccctcacc	tgcactgtct	ctgggtggctc	catctgcagc	180
agtggttact	actggggctg	gatecgccat	ccccagggg	aggggctgta	gtggattggg	240
agtatctatt	atacatggga	gcacctacta	caacgagtac	ctcacgagtc	cagtcacgca	300
tatccgtaca	cacgtgcaac	atccagttct	ccctgatgct	gaactatggg	accgacgctg	360
act						363

<210> 8705  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (103)...(354)  
 <223> similar to gi455994 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8705

ggcacgagaa	gcagcagcat	tgctgtaccc	caaactcact	gtgacattgc	tcacagaacc	60
acgccgtgac	gaccgccatc	ctgacccacc	agggagatgt	aggacagtgc	ttggctcaag	120
ctgcccacac	tcttgactcc	ggtgccagga	gtcctgcctt	tgtgctcagc	ttgtagggac	180
ctgcctaggg	agggcctgtc	tgccctgagt	tgggtagagg	cctcgacat	ggcaagaaa	240
agctgacttc	cttggttaga	tgccgtagag	cacctggatg	atctcaaggg	cacctttgac	300
cagctgactg	aactgcactg	tgactagctg	catgtgaatc	ctgataactt	ccg	353

<210> 8706  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (295)...(761)  
 <223> similar to gi4678526 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8706

ctccccgcgcg	agaagcctcg	ctcggcgccc	aacatggcgg	gtgggcgctg	cggccccgcag	60
ctaacggcgc	tcctggccgc	ctggatcgcg	gctgtggcgg	cgacggcagg	ccccgaggag	120
gccgcgctgc	cgccggagca	gagccgggtc	cagcccatga	ccgcctccaa	ctggacgctg	180
gtgatggagg	gcgagtggat	gctgaaatct	tacgccccat	ggtgtccatc	ctgccagcag	240
actgattcag	aatgggaggc	ttttgcaaag	aatggtgaaa	tacttcagat	cagtgtgggg	300
aaggtagatg	tcattcaaga	accaggtttg	agtggccgct	tccttgtcac	cactctccca	360
gcattttttc	atgcaaagga	tgggatattc	cgccgttata	gtggcccagg	aatcttcgaa	420
gacctgcaga	attatatctt	agagaagaaa	tggcaatcag	tcgagcctct	gactggctgg	480
aaatccccgg	cttctctaac	gatgtctgga	atggctggtc	tttttagcat	ctctggcaag	540
atatggcatc	ttcacaaact	tttcacagtg	actcttgga	ttcctgcttg	gtgttcttat	600
gtctttttcg	tcatagccac	cttggttttt	ggcctttcta	tggatctggg	cttgtaggta	660
atatcacagt	gtaattggga	tccaccctat	cgccacgtat	catgaccca	tctactaacc	720
ttggcgctcca	cacagccac	acctcgagc	atctgcgctt	g		761

<210> 8707  
 <211> 884  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (602)...(882)  
 <223> similar to gil698455 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8707

gcggaatagt	gggttttgc	gcaaccggtt	tattttcctt	ctgttttcac	ccattctggc	60
acaatctggc	gccatcgctc	ttcttgtgag	gccaagcctg	aaaatgcgaa	gcagagaggc	120
aggacaaaaa	ttgaggcgaa	tccaggaacc	tgccaatggg	tctccgggtg	cggctctctga	180
aactggagga	tatcgggagg	aaaggctctc	cgatgcggag	ataatgggga	agctcttggc	240
atggttggct	gtaggatatg	gataccggag	gagcaggagt	caaataggat	acgccgactt	300
ttaattcaag	gaaccctttt	ctgaaacact	ttgccacaat	gaaggaaata	agattacagc	360
cgaagataca	tattaaggaa	ttgtactctc	agagatgttg	agaaaagata	catgggtctt	420
ggaagataat	tactcaaaat	atgcagggaa	ggaataaaat	tgaagggtgt	ttttcttaaa	480

gaacatcatt	tgatcatattt	atttgatcaa	gaagttgaag	atttatataa	taaggatcta	540
gtttgaagca	ctaagaagaa	taagacatca	gtttgaaaag	aggctctatc	agaacaacac	600
gaattctgct	aaaattgaag	caagaacaaa	catcaaatat	atgttgacac	ttgggtggaa	660
gaatggtgaa	ctaattgatg	ctttatgaaa	agttgatagg	gacagtgtct	ccaaagaaat	720
cagtttacia	atggataact	cgttttaaga	aggcataagg	taatgttgaa	gaagaagccc	780
acagtggcag	atcatccaca	tcagtttggt	agaaaaaagt	tagttcatgg	cgtaattgaa	840
gaaaaccaac	aattaacagc	agaaacaaca	gccaacacca	taga		884

<210> 8708  
 <211> 583  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (103)...(454)  
 <223> similar to gi1633564 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8708						
ggcagcagcg	agctgttggtg	catccagagg	tggaattggg	gcccggcatt	ccctcctcgt	60
cccgggctgg	cccttgcccc	caccctgcaa	ctcctgggtg	agatgggctc	agccaagagc	120
gtcccagtc	caccagcgcg	gcctccgccc	cacaacaagc	atctgggtcg	agtggcggac	180
ccccgttcac	ctagtgtgtg	catcctgcgc	actcccatcc	aggtggagag	ctctccacag	240
ccaggcctac	cagcagggga	gcaactggag	ggtcttaaac	atgccagga	ctcagatccc	300
cgctctccat	tggggaagaa	ctgagggcac	gggtggcaag	tgggtcaggg	atcagacctg	360
ggcagccac	agcctctccc	gccctctgcc	tcccacctga	cagctccagg	gcaagccgct	420
gctctcagcc	tccctgcttg	tcccttcctt	ggtttgggg	gagaagcagc	cctgccaaca	480
cataccacgt	gccagtga	tccctatgcc	cctcgccgc	tctgcactat	acagcgctgc	540
aggcagcat	catttccacg	tcgcaggcaa	gagcaccaag	gct		583

<210> 8709  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (180)...(356)  
 <223> similar to gi5306259 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8709

```

ggcacgagct cttacctatc taccctagac tgtgagctcc ttgaaggcac agtcctggcc      60
tagagtaggc atgccataaa tgattagaaa gtagagggaa gtggcagggc agccaagaca      120
gttttagaga cttttaagta gttcaaacia acaagccagc acatgttgga ggtggaggga      180
tggttgaccc catcaccccc acctacctca cccctgcacc accaccccc tcaccacccc      240
tcccgcttg cctaccgac caatagccct cccccagtct cgttccaccg cctccacgca      300
ccccaccctc ctctaccact cctcccctct cgtctccccc cctcccttcc cgcccc      356

```

<210> 8710

<211> 356

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (35)...(356)

<223> similar to gi183885 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8710

```

ggcacgaggg aacgtctgag gttatcaata agctcctagt ccagacgcca tggggcattt      60
cacagaggag gacaaggcta ctatcacaag cctgtggggc aagggtgaatg tggaagatgc      120
tggaggagaa accctgggaa ggctactggt tgtctaccca tggaccagga ggatctttga      180
cttgctctgg ataactgtcc tcttggtttg gcatgatggg caactataca gtcaaggagac      240
atggcaagac ggcgctgact ttattgtgag atgccatatg acccttggtt gagcctatgg      300
gtgcttttgc ctgggctaact gagctgacat gtgacatgct gtattggaat ccttgg      356

```

<210> 8711

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(358)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (93)...(357)

<223> similar to gi2443340 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8711

ggcacgaggg	cggcggctgt	agcggcgtga	caggagcccc	atggcacctg	cccagcccca	60
cctcagccca	tcttgacaaa	atctaaggct	ccatggagcc	accacggggc	ccccctggcc	120
atggggccga	gccatcccgg	gcagtgggca	ccgtcaaagt	atacctgccc	aacaagcaac	180
gcacggtggn	gacagtgccc	gaataggaga	aggggtacaa	aactctatac	aagggcctga	240
aagtgcgggg	tctaaatcag	gactgctgtg	gggggtaccg	actcttctag	ggacaaaaga	300
cacggactgt	gtggacacaa	gcattgggtc	cctggatggc	caggagctca	ttggcca	357

<210> 8712  
 <211> 478  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(479)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (26)...(478)  
 <223> similar to gi2232013 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8712	
gtcatgagac	tgaggttgca tatgttcgat gctgtaggag gcagtgacct tcaaggacgt 60
ggctgtggtc	ttcactgagg aagagctgag gctgctggac cttgcccaga ggaaactgta 120
ccgagaagtg	atgctggaga acttcaggaa cctgctctca gtgggtgagg acaggcacc 180
tttgtaaggg	aacatcagga ccaggagtgg ctttgtatcc tagagtgttc aagtttgagt 240
atgcattggg	aacctaagtt tccagtaa at tttacttaga tttttttcta ggatatattg 300
gcactaagca	catgactttt cacgttcaca gggcatcaat cactccacag agatactttc 360
cacttcctaa	aggaagaaaa gttttggatg atggagacag caacccanag agaagggaat 420
ttaggtaaga	agcaagcaac tctgtgtcct tgtgcgtgac tcttccatcg gtttcact 478

<210> 8713  
 <211> 976  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (257)...(484)  
 <223> similar to gi3329465 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8713
ggcacgagaa aagagacggg ctgtttctat gtagcaggat cggcccagct tcgggaaaaat 60
ggagttttca gaggctcatc gaggccatth tttcatctcc agtcggggga actttttctg 120
cccatggaag tgcagcagaa aggcataag gccactaggc cttgaagtgg ctgccatttt 180
aaagagtcga gtcagatggc ctattaactc agattaattg ctgtgctttt ggattccagg 240
ttgatgccgg cccaggatgg atcagacctg tgaactaccc agaagaaatt gtctgctgcc 300
cttttccaat ccagtgaatt tagatgcccc tgaagacaag gacagccctt tcggatgatc 360
cagattccag taccagtaca ttaggaaaca tgctagaatt acctggaact tcatcatcat 420
ctacttcaca ggaattgcca tttagactgg ccttgctcatg ttgcccaggc tggcgtcggg 480
actcctgggc tcattcgatc ctcctgcatc agctagaact acagtagttt cagattttga 540
agtgtgtatg tgtatgtgtg atatgtatat attccgtgtg tatagaaatg gagagtatct 600
tatttgagtt gttgttttca gtaatgctgt caagtattgt tagaggggtga taaatgataa 660
catttgtttt tatttgagct tatgaagaat ttcttgactt tctagctaaa tgatcagttc 720
acttctctta gcctcaattt tattgctgtc aaattccaaa agttcttgat tgctataaga 780
ttccttcagc tttaaatatt aatatttgat attgattttg tttctgcca aacacattgt 840
ttggtcaccg ccggtaatgt tagcaaagag aatttttttt ggccaacaaa tgtctcatac 900
cacattcagt ttttataaga aaaactttta tggatgttg ttattctgag ttcattaaac 960
attcgcttta ccttat 976

```

```

<210> 8714
<211> 375
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (38)...(378)
<223> similar to gil83885 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8714
ggcacgaggg aacgtctgag gttatcaatg tgctactagt cctgacgcca tggggcattt 60
cacagaggag gacaaggcta ctattacaag cctgtggtgc aagggtgaatg tggaagatgc 120
tgtatgagaa accctgagta ggctcctgga tgactacca tggacccata aggtattaga 180
cagcttttagc aacctgccct ctgactctgc catcatagtc aaccttaaag gctaggcaca 240
tggcaagagt gggctgactt ccttgggaga agccataaag cacctggatg agcttaaggg 300
cacctttgtc catctgagt aactagcact gtgacaagct gcatgtggat cctgataact 360
gtaagctgct gggag 375

```

```

<210> 8715
<211> 1320
<212> DNA
<213> Homo sapiens

```

```

<220>

```

```

<221> misc_feature
<222> (749)...(38)
<223> similar to gi338263 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8715
ccagtatgga acctcggggg tgacctgcgc ctgggtcccc gcccatagag ctgcctctgg 60
aggttctggg aaatgggccc cagatgcatg aagttgcaga agccacctcg ggtacattcc 120
cgtgcacagc ctgcccgttg aaccagcggg tactgagttc agccacggcc cgctctccat 180
cctcctccct ccggaactgc aggaaatgtc agtcaggggc agcaggagaa ctgagagatc 240
ttcaggggac tctactaccg ctctggggct ggactggatt tagtgatgaa attcaagctg 300
agagcctaca gtggccacca tcaggcattg aaacgcctcc acttctgggc cctaagtggg 360
gggcagcaag caccttgaca tagacgttgc ccacgaggtg gtccccaagg ttgtcgcaca 420
cattcatctc ttcaatctcc ccatacttct cctgcagttc tgtgaacacc tcctgtggaa 480
gacggggagg aactcagctg agtcccaca agaaacccca tctgcccta ccaaccctca 540
cctcgaagaa gctatcatag tgctcctgca cctccacgtc actcacatga cctgggggtgg 600
gggcgggcag ggtggaatca gagtgtagcc tactgggggc tggtcacctt gccccaggc 660
ctggtccctt actcacagtg tgatccgtct gcagtttggg ctgtgttctg tggattccgg 720
tacaggttga gcagcactat ggtctgcaca gaatttaaaa ggggcggggc ctgagctcag 780
agggcagggc tgcataaaca gagagttagg catgaagggt gggggtggaa cttacaccc 840
cagcctaagc atcatgagtg catcggcgat cctttgcccc taagaaacca gaaaagggat 900
ggaggggact ggcaaggatg aacagcggga tggaaggagc tggcaaagat gaacagccgc 960
cgtgtgtagc ctgtacgcac gggggcgcca ccaagttccc gggaaaacgg cacgaagacc 1020
ggtgggagga gcctgcagaa aggtccaatg agaaaaaaag ccgggcgggtg gggagggact 1080
caggaacccg gaataggcgg gacatggtga cgacggcccc agaaggggaa gggccagggg 1140
gccgttaacc cccgaggtct cgtgccgggt ctcacctggc tgaatgtcgg cttgttgtga 1200
agccgggagc accggtcccc gtgccggcag accccgatct taaagtaaaa agagcagtta 1260
accttgtcct tctcagtccc gaatatcgaa gctaaatatt cagccatttt tacccaagcc 1320

```

```

<210> 8716
<211> 1101
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1102)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (313)...(1101)
<223> similar to gi1840045 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8716
tttcgtggac agacagatag tgggacttct cagggttgg acaagcccca ccccacgctt 60

```



ggggtggggt	ccaggactac	agtccccgcc	cagtttgccg	acagtgaaaa	aaaaaaagta	120
ccgttccaaa	gcaggagcct	aggcagccga	gaggggtgcc	gaacctgagt	ctgagttgcg	180
gccacttcag	gagctgagag	gagcaggatg	gaactgcagg	atccaaagat	gaatggagcc	240
ctcccttcgg	atgctgtggg	ctacaggcaa	gaacgtgagg	gcttcctgcc	cagtcgtggt	300
cctgctcctg	ggagcaagcc	ggtccagttc	atggatttcg	aggggaagac	atcgtttgga	360
atgtcagtgt	tcaacctcag	caacgccatc	atgggcagcg	gcacccctgg	gctggcctat	420
gccatggccc	acacgggggt	catcttcttc	ctggccctgc	tgctgtgcat	tgcgcttctg	480
tgcctctact	ccatccacct	cctgctgacc	tgtgctggta	ttgcaggcat	ccgagcctat	540
gagcagctgg	gacagagggc	attcgggcct	gcggggaagg	tagtggtggc	cacagtcac	600
tgtctgcaca	atgttggggc	catgtccagt	tacctgttca	tcatcaaata	tgagctcccc	660
ctggttatcg	gcaccttcct	gtacatggac	cccagggggg	actggttctt	gaagggaaac	720
ctcctcatca	tcatcgctcag	tgtgttaata	atcctgcccc	tcgcccctcat	gaaacacttg	780
ggctacctgg	ggtacaccag	tggtctctct	ctgacctgca	tgctgttttt	ccttgtttctg	840
gtcatctaca	agaagtcca	acttgggctg	tgctataggg	ccacaatgaa	acagcaatgg	900
gagagtgaag	ctctcggtgg	gactccccag	ccaagggact	caacagcagc	tgtgaaggcc	960
cagatgtttc	acagttgact	cacaggtgtt	cttacacagt	ggcccattat	ggcttttgct	1020
ttgtctgcc	accctggagg	tgctggccca	tctattacgg	agctttgccg	ggcctttcaa	1080
gcgcaggatg	cagggncgtg	g				1101

<210> 8717

<211> 1518

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (463)...(1521)

<223> similar to gi2183083 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8717

ggcacgaggg	aggtaggcag	tggtatccat	cctgatgagg	cagcagaaaa	ggagatgact	60
tgagtgtgg	cagagaatgg	cactggcttg	gtaggcagct	tgagctgga	agaagagcag	120
ccagaactga	agatgtgtgg	ctacaatggc	tctgtccctt	ctgtggaatc	gttacaccaa	180
gaggtctcag	tctgtgtccc	tgaccccaca	gtgagctgtt	tagatgatcc	ttcacatctt	240
cctgatcaac	tggaagacac	tccaatcctc	agtgaagact	ctctggagcc	cttcaactct	300
ctggcaccag	agccagtgag	tgaggacta	tatggtattg	atgacacgga	gctgatgggt	360
gcagaggaca	agctgcctct	tgaggacagc	cctgtgattt	ctgcccttga	ttgcccttcc	420
ctcaataatg	ctactgcctt	cagtctcctg	gcagatgata	gtcaaatac	aacctctatc	480
tttgccagtc	ccacctctcc	acctgtccta	ggggagtctg	tcttgcaaga	taacagcttt	540
gacctgaata	atggtagtga	cgctgaacag	gaagaaatgg	aaactcaatc	ttcagacttc	600
ccaccatccc	tgaccagcc	agctcctgat	cagtcaccca	ctattcagct	acatccagca	660
acctcaccag	cagtctcgcc	aacaacctcc	ccagcagctc	ccctagtggg	ttctccagca	720
gcctccccag	aaatctctcc	agaagtttgt	cccgcagctt	ctacagttgt	ctctccagca	780
gtcttctcag	tggtctctcc	agcttctca	gcagtcctcc	cagcagctctc	cttagaagtc	840
ccgttgacgg	cttcagtgac	atccccaaaa	gcctctcccg	taacttcccc	agcagctgcc	900
tttccaacag	cctccccagc	aaataaggat	gtcagcagct	ttctagaaac	cactgctgac	960
gtggaagaga	tactgggaga	aggactcact	gcttctggta	gtgggtgatgt	catgaggaga	1020
cgtattgcta	ccccagaaga	agttcgtctt	cccctccaac	atgggtggcg	gagagaggtg	1080
cgcacaaaga	agggcagcca	ccgatggcag	ggggagacct	ggtattatgg	cccctgtggg	1140

aagaggatga	agcaatttcc	agaagtgatc	aagtacctga	gccgcaacgt	ggtacacagt	1200
gtccgccgag	agcacttcag	cttcagtccc	cgtatgcctg	ttggagattt	ctttgaagaa	1260
agagacacgc	cagaggtgca	gacccaaggg	ttaaataatgc	ttttgtccct	gaggaagagt	1320
tgggtggacaa	gctgcagctt	cctctcgtgg	ggtttgaagg	ttctggggca	ttgaatggtt	1380
ccgagggcct	cgtggcctgc	actgattcct	tactactgta	acagtctccc	ttgctacctt	1440
agggcttgca	gtgggtgcag	ctctcagcag	aggagatccc	gtcgaggatt	caggcaatta	1500
ctggcaaacg	gggtcgat					1518

<210> 8718

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (127)...(402)

<223> similar to gi455994 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8718

ggcacgaggt	ttgttggggt	tgggggggtat	gcattctctg	ctgtgttgct	gaaggatttg	60
cttttagcaag	ttcctttagc	ttctataggt	ctgtatccta	cattggagaa	ctacattaaa	120
tgacttgaaa	ctcttagtag	aaagagtcta	tttattgttt	ttgagaccga	gtctcgatct	180
gtcgaccagc	cctttgggca	ccaggcctat	gacaccgcca	tcattgtccat	ccccaaaatc	240
aaagcacatc	gttctagagc	tctgacttcc	ttgggagatt	ccacttagca	cctggaagat	300
ctcaagggcc	tcttttagcca	ccttaatgaa	ctgcactgga	caagcctctt	gagcaccctg	360
ataacataaa	ctcttgga	tcggcctgtg	accgcttggc	aa		402

<210> 8719

<211> 2012

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1194)...(1847)

<223> similar to gi3135318 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8719

gaatgcccac	tggggccagg	gtgggcaaag	gaggttgggt	ccaatgtggt	gctggaagta	60
gaccctcct	gggtctggaa	cattctctgc	cccaggctct	ttccacctgg	ggatgttggtg	120
acaacatcca	gctgtggtgt	ctgggctatt	tgtgtggtga	caagacagac	ctggtcaggg	180

ggtgggtggc	aaacacctca	cctggctggg	cagaggccac	cttgcctgtt	ggcccaaggc	240
caggtgaggg	ccctcccttt	ccaccattgc	cctggccccg	tggccattca	ttcttggggg	300
ttgtctgagt	cttccacaga	gagcagcaaa	gagatatggg	agttgggtga	tcagtgtatt	360
tactttgcag	atttttctgg	aaataacctc	tagctgctgc	tatttgcaag	gctgggattg	420
gcctccctgt	cttttccaac	aatcaggacc	ccatcctgtc	tgttcctgtt	cttctcccag	480
cctctgccct	ccttctgtct	cctgggtggg	ctcccgttcc	gctcctggcc	tttgcattgt	540
ccatctcttc	tctttctccc	ctcttcgcca	ccctagatta	tctctgtgtc	cctctacctc	600
attctcttac	cagttctttc	ctttctgctt	agagccggag	ggaggggaagc	tggaaatctgt	660
tatgggtgat	tagggggagg	agcctttctg	ttatttcccc	ccagcttcca	tcacccttcc	720
cttaatgcc	ggagcgccga	ggtttggaac	tgaggctaaa	ccgaagggtc	ttctcctgct	780
tctgtcacc	tgtgtgtct	cccggcatct	cctcactatc	tgggtccagg	cccgggtcct	840
ccctgcagac	tccctcccct	ccagcccaca	aggactccag	cctgctggct	ggtgaagaag	900
cttggaaatga	agcagtaaga	aagttaacgc	caggtcaagc	ctcgggcccc	aagggttccc	960
tgggcacagg	ctgacactag	gagctgtctc	ccttggccgg	ggacagctcc	agcagctcag	1020
gctccagccc	tccagtgaag	cgcctctcct	ggagagtagc	aaagaatgga	gaaaggcctg	1080
gcttgagagg	aaatggagaa	aacattgcct	ggtagctgca	gattcaaacc	caccacacac	1140
accacggggc	tagagtgaag	cacctgggct	cacaccaact	tctggccaat	gcagggacca	1200
tgctctgcag	acagcagtc	tctagcatgg	ccccagcatt	cagccagtcg	gtcacctgtg	1260
ggccatcccc	atgtgtgagg	aagcaggagt	cagccaccaa	gtgtctccac	atcggagctt	1320
gcgggtcaga	cctgtggggc	aggggatggg	agcagggtcg	agggtagggg	ctgaatgtgt	1380
ggctctgtcc	ctgtgttgcc	ttccacagag	gagcaaggcc	tcaggctgag	gaaggagggg	1440
cacgctggaa	cagcctagtc	tcctccccgt	ggattccccc	aaaccataa	cattcttcca	1500
taggggctga	gaacgcagtg	ccccgtccct	gacagggatg	aaaagtgaac	ccctcaggtc	1560
aggagaggca	gagttgaggt	tctgccactt	cctgtccctg	gggagccact	caagttacca	1620
gggctaccgg	gctgaaataa	atctttttcc	cgggttaggg	ttcaaagggc	aagtggattt	1680
tgccaaggca	actgatgtag	gccagttgac	gtgactccca	ggtttgtccc	tggtactcag	1740
tgggtcccaa	tcacctggca	ttgatcacct	ggcattgatc	agcaccacc	ccaccctga	1800
aggettggcc	agcccccagg	ccctcagatc	cctgctcttc	ctgcctttcc	tgcccatgtg	1860
tcaccagca	cccaagggtc	agtgcacag	ggtgggttgg	agctgggtcac	tgtcatagca	1920
gctgtgattt	cacaaggaag	ggtgctgcag	ggggacctgg	ttgatgggga	gtgggaaggg	1980
gaaggaataa	agagatcttc	ctcaggaaaa	aa			2012

<210> 8720

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (80)...(382)

<223> similar to gil377880 in the genepept database release 114,  
Run with FASTX 3.3t00, default parameters

<400> 8720

atcgagcatg	gctgccccca	cggatgacgg	cctgaccact	gctgctccca	cgctttatcg	60
acattccctg	ccttctgtgc	tatcttacc	aggtcacccc	agacgacatg	tacgccaagg	120
cctttctgat	caagcccaac	acggccatca	ccgggactga	caggagaaag	ctctcgagct	180
gatgagacaa	cagattttcc	acacccttgg	aactgatcaa	atctatgagt	tattacctgg	240
aaaggacgag	ctcaacatcg	tgaaatcgaa	tgctcacaaa	cgggatgcat	agactgcgta	300
cgtgagtggg	gaaaaccaca	tactttctga	accgtagaaa	aacctgtatc	cagcagtgaa	360

cacgctgagc tcctatccct

380

<210> 8721  
<211> 1776  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (84)...(1776)  
<223> similar to gi238267 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8721  
agcgggccgcg cagcggacac cgtgcgtacc ggcctgcggc gcccggccac cggggcggac 60  
cgcggaaccc gaggccatgt cccatgaaaa gagtttttg gtgtctgggg acaactatcc 120  
tcccccaac cctggatatc gggggggggc ccagccacc atgccccct atgctcagcc 180  
tcctaccct gggggccctt acccacagcc ccctttccag cctccccct acggtcagcc 240  
agggtacccc catggcccca gcccctaccc ccaagggggc taccacaggg gtccctaccc 300  
ccaagggggc taccacaggg gcccctaccc acaagagggc taccacaggg gcccctaccc 360  
ccaagggggc taccacaggg ggccatatcc ccagagcccc tccccccca acccctatgg 420  
acagccacag gtcttcccag gacaagaccc tgactcacc cagcatggaa actaccagga 480  
ggaggggtccc ccctcctact atgacaacca ggacttccct gccaccaact gggatgacaa 540  
gagcatccga caggccttca tccgcaaggt gttcctagt ctgacctgc agctgtcgg 600  
gacctgtcc acggtgtctg tgttcacttt tgttcggag gtgaagggct ttgtccggga 660  
gaatgtctgg acctactatg tctcctatgc tgtcttctc atctctctca tctcctcag 720  
ctgttgtggg gacttccggc gaaagcacc ctggaacctt gttgcaactg cggctcctgac 780  
cgccagcctg tcttacatgg tggggatgat cgccagcttc tacaacaccg aggcagtcac 840  
catggccgtg ggcacaccca cagccgtctg cttcacctgc gtcactctct ccatgcagac 900  
ccgctacgac ttcacctcat gcatgggcgt gctcctgggt agcatgggtg tgctcttcat 960  
cttcgccatt ctctgcatct tcatccggaa ccgcatcctg gagatcgtgt acgcctcact 1020  
ggcgctctg ctcttcacct gcttctctgc agtggaacc cagctgctgc tggggaacaa 1080  
gcagctgtcc ctgagcccag aagagtatgt gtttgcctgc ctgaacctgt acacagacat 1140  
catcaacatc ttctgtaca tctcaccat cattggccgc gccaaaggag agccgagctc 1200  
cagctcgtg tgcccgtca ggtggcacgg ctggcctgga cctgccccct ggcacggcag 1260  
tgccagctgt acttccccct tctcttgct ccaggcacag cctagggaaa aggatgcctc 1320  
tctccaacc tctgtatgt acactgcaga taactccatt tggaccgct gtggccacag 1380  
catggcccc ttagtctctc cgcccccgcc aaggggcacc aaggccacgt ttccgtgcca 1440  
cctcctgtct actcattgtt gcatgagccc tgtctgccag cccaccccag ggactggggg 1500  
cagcaccagg tcccggggag agggattgag ccaagaggtg aggggtgcacg tcttccctcc 1560  
tgtcccagct cccagcctg gcgtagagca cccctcccc cccccccacc cccctggagt 1620  
getgccctct ggggacatgc ggagtggggg tcttatccct gtgctgagcc ctgagggcag 1680  
agaggatggc atgtttcagg ggagggggaa gccttccct caatttggtg tcagtgaat 1740  
tccaataaat gggatttgct ctctgcaaaa aaaaaa 1776

<210> 8722

<211> 313  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (116)...(313)  
<223> similar to gi198658 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8722  
ctcaggaaca acagataacc tcaacagccc tatatctact ggagaaaatt cataacttaa 60  
aaccttcctg caaagaaaat tctaggctcc aatggtagaa ctcttatctg aagaagaaat 120  
aataccagtt ctatcaaact caccgagaaa attaaagaag agagaatata ctgtaactca 180  
atctacaagg ccagcattac cttgctaaca aaggtagaca gtgatattca ttaaaataaa 240  
gtagagcta tttatccctc ttgaacatag atgcagaaat tcttggaata actcagcaaa 300  
tcacatacaa cca 313

<210> 8723  
<211> 353  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (47)...(339)  
<223> similar to gi510406 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8723  
atgagctcaa aatttgcttt gagagctaca gggaattgct attactcctg taccttggct 60  
ctatctactt aaactttatt accggaggct cttttcctac tctctgtact atcgatggct 120  
caactacggg ccatagatac taatttactt tcaacaccct gaattttcat tctcattgta 180  
agatgatatt atacattctc ttcctatcct ttatcatcct cagtgtattct ggatatggag 240  
atgctcaata tgatttcatt ctagaatgat atttcctcat aatattcata cataccctat 300  
cgtcacaaat cagtgaagct tggatcttta catgtcttct gataaagaac aag 353

<210> 8724  
<211> 1578  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (439)...(1556)  
 <223> similar to gi509838 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8724
ggcacgagcc cgctcctgtta gggcagttact cttaaccaaa ctaaagtcta agattacttt 60
ttctctgaga tgattggaca tccaggtgcc ttcagacca gcatgtgctc tgcaggccat 120
attattacaa ctggagatcc ttgaaagtgc ctgcaccctt gaagagatac tccaaaaggt 180
tagtccggaa acatgggcag atgggaggcc agggaaaaca aaaactgcat ctccagtaca 240
agtcaagttt tgtgcaggag tggcgctgcc aaatctaaag cagcgtcctt tgagagaaaa 300
ggcacagcaa tgcatttagc ctctgctaata ggccttcctg caatacagga agaattcctt 360
gtttctcatg taacatacct gtcttgccag gacaaaaaca tggaactgag gattattggt 420
ttgtacagga tttgagggtt actaggcaaa ttttcaaagc catttatctg gtgatacctg 480
atgcttatac attattcatg actttaacca gtgagttgta ctggtgttca gtcttgaatc 540
tgaaaggatgc cttcatctgt attcccctga gtccagagtc ccatgaagtg tttgcctttg 600
aataggaaga ctctgacact aaagctaaat gatagtattg ctggatgatg ctccatcaag 660
gcttcaaaaa ctactaacc gtccggggga aatacatgct aaggagtttt gggacctcca 720
attgaaaaat gagactttgc ttatatatgt tgatggcata ttagaagcca gcacaactat 780
ggcaaattga ccagaatatt atactggcct tacatttttt tttttgtctg gatggggatc 840
caaagtatcc aagaaaaaaa tcacaaatat tgaaaaactc aattatata tttaggtttg 900
aattttctca ggagcagagt aatctgcttt tcggactggg agagaagctc ttgtcagggt 960
ggccagactc aggacatggg cagcagctgg tgaggggttt ttaggtatgg ctgaatgttg 1020
ccatatttca ttttcttatt ttgggcttat agcaaaatgg tctctatgaa gccctaagac 1080
cagacacttg acctcctaga atggaccaag ggaatgtcca aaaggccttt ctaaccatta 1140
aggtaaaaaa ttactaatgg atctggctta ctggagacc cctgaacta agaaagccca 1200
ttggatttgt tcataccatg agagagaagg gatgggggtt aggagtagta accccaaaga 1260
acttggggaa tatcatgagg cctgtagcct acttttcaaa acagctggac attgttatga 1320
tgggttggac ttcttatctc tgaccactgg caccacttgt gatcttctcc aggaggcaga 1380
agagttcact ttgggttaac ctagactgt acacacccca cactgtgtat gctatttgtt 1440
ggaacagaag tggagctact gacttacctc tagaagactg aatagatata aggtcatcct 1500
cctggataat cctagtgtta ctttgagagc tgtttctgct ttaaactcctg ctaaataaac 1560
ctatacatga ttgcatat 1578

```

<210> 8725  
 <211> 879  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (356)...(707)  
 <223> similar to gi3875269 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8725
tttttttttt ttctgagcca tggcaaaagc agttttttta agcttagtca agttgaagca 60

```

gcgggagtgg	aggaggatca	gagaaacctc	tgtagtgtg	attgggtcct	tgtcgccctcc	120
actgcgtacc	cgctgagctg	ggctttgggc	aggtgagcag	cacagaggct	tccctcctcg	180
tccctcccca	cacccacca	tcgccacagc	tccctccgcc	gccggtgggg	cacccagatg	240
gggagaagct	gaggaggcca	ctgttcaccc	aaactgggtg	gtccttcggg	caatgctggg	300
aatagggtgg	gggctctggg	caagcccagg	aggaggaggg	cctggctgag	ttccaggaac	360
atctcacacc	cacaaggagg	gatctagctg	gtgccctccc	tgtactgtca	ggaggccaga	420
gggcccttct	ccagctcatc	agggagggaa	ctgctctggc	agggagtagg	gaaggctggt	480
tgtggcatcc	ctcaagaaag	ctcctgcctc	agaagaggcc	caggcaaaaa	gagcccacaa	540
cagtctacct	gtggagcagg	gggagcccac	agagcccagg	gggagcccac	agagcccagt	600
gagagctggg	ggctcttgct	gccaactcag	accctcagat	ccaagccaat	ggctttgggg	660
cagggcagcc	aaagccatgg	taagatagcc	tacaccacag	agccccagag	gcaggggctg	720
ccccgggctg	gcacatttgg	aaaggatgca	cttgccacct	gtccacggaa	gagctgtcat	780
caggcctcaa	gcattctcaga	atcctcccca	ggcactgcct	ccatggaggc	agccggagga	840
acaggacagt	tctgggggtcc	gaaccctctg	ttgggggaat			879

<210> 8726

<211> 1679

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1567)...(1679)

<223> similar to gi2065210 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8726						
atttgaccta	gtgagcaaga	agtaggaact	acattagact	tagtggaaag	acatttgcatt	60
cagagggtag	gaaataaata	tgactacaat	tcaagggcct	tctaccttag	tgaaattggt	120
agggacccag	tgacatgggg	catgttagga	tatttcttct	acggtgaagg	ataagtactt	180
gcatcttgct	gctcttaaaa	ccaagaaaga	ggcacaatac	ttagtggggc	tctttggggt	240
ttggaggcaa	cattttccaa	tttcattatg	ttacaccagc	ctgtttacca	attgactcaa	300
aaagctgcta	gtttttgagta	gggcccagaa	caagaaaaga	gtctgcaaca	ggtccaggct	360
gctgtgcaag	ctgctctgcc	acttgggtca	tatgatccag	tggtgtttca	gtggcagtgg	420
cagatagggg	tgctgtttga	agcttctggc	aggtccctat	aggtgaatct	tggttttagga	480
tttttagagca	aagccgtgcc	attaccaaca	aataactagt	ctctttttga	gaaacagctc	540
ttggcctgct	actgggcctt	agtagagact	gatacttaat	gagtcaccaa	gttaccgtgc	600
aacctgagct	tcccatcatg	aactggatgt	tatctgagcc	accaacgcac	aaagtgggat	660
atgcacagca	acactctgtc	atcagatgga	agtgggtatac	acatgattgg	gcctgagagg	720
ccctgaaggc	acaaggaagt	tacatgaaga	agtaggccaa	atttccatag	tccccacttc	780
tgctacctgc	cttctctctt	ccagcctgca	tcgggtggctt	catggggact	tccctgtgat	840
cagctgacag	agaaagagaa	gacttagggc	tggtttacag	agggttctgt	atgatatgca	900
ggtaccaccc	taaagtggat	agctgcagca	ctacatctca	cctctgggct	accttgaagg	960
acagtgggtg	agggaaatcc	tcttgggtga	cacaactttg	agcagtcctc	ctgttgactt	1020
tgcttagaag	gaaaaatagc	cagatattca	attatatgcc	aattcatagg	cctgtggccag	1080
tggtttggct	ggatggtcag	ggagtccaat	ataactggaa	aattgggtgac	aaagaaattt	1140
ggagatgaag	tatgtggata	gacactgaat	gggcaaaaaag	ggtgaagata	tttgtgcccc	1200
atgtgaatgc	tcaccaaaag	gttagcaaaa	aaggatttta	ataaagtgga	caagataacc	1260
tgttctgtgg	atactagtag	gcctctttct	ccagccacac	ctgtcatcac	ccaattgttt	1320
catgagcaaa	gtagccatgg	tgataagaat	agaggttatg	catgggctca	gcaacgtgga	1380

```

cttctactca ccaaggctga cctggccaag gctatctctg agtgcccagt ctgccagcaa 1440
cagagaccaa cactgagccc ctgatatgac accattcccc agggtcacatca gtcagttgcc 1500
tagtggcagg ttcattacat tgatccacct ctatcattga agggatagtg ttttatcctt 1560
actgaaatag atcttactct ggatacagat tcactttccc ttcgcgcagg gtgtctgcta 1620
aaactacat ccgtggactt acagaatgtc tcatttatga ccatggtatt ccacacagg 1679

```

```

<210> 8727
<211> 1797
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1798)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (43)...(1797)
<223> similar to gi4185892 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8727
tttcgtgggg aggccgcgtg ggctatgggg cggcggtcgc ggggtcggcg gctccagcaa 60
cagcagcggc cggaagacgc ggaggatggc gccgaggggtg gtggaaagcg cggcgaggcg 120
ggctgggaag gaggtacccc cgagatcgtc aaggagaaca agctgttcga gcactactac 180
caggagctca agatcgtgcc cgagggcgag tggggccagt tcatggacgc tctcagggag 240
ccgctcccgg ccactttaag aattactggg taaaaagcc acgcaaaaga gattctccat 300
tgcttaaaga acaaatattt taaggaaattg gaggacctgg agatggacgg tcagaaagtt 360
gaagtccac agccactgag ttggtatcct gaagaacttg cctggcacac aaatttaagt 420
cgaaaaatct tgagaaaatc gccacacttg gaaaagtttc atcagtttct agttagtga 480
acagaatctg gaaatattag tcgtcaagaa gctgttagca tgatcccacc actgctcctc 540
aacgtgcggc ctcatacata gatcttagat atgtgtgcag cacctggctc aaagaccaca 600
cagttaattg aaatgctaca tgccgacatg aatgtcccct ttccagaggg atttgttatt 660
gcgaatgatg tggacaacaa gcgctgtac ctgctcgctc atcaagccaa gaggctgagc 720
agccccctga tcatggtggg caacctgat gcctccagca taccagggct ccagatagat 780
gtggacggca ggaaagagat cctcttctat gatcgaattt tatgtgatgt cccttgagc 840
ggagacggca ctatgagaaa aaacattgat gtttggaaaa agtggaccac cttaaatagc 900
ttgcagctac atggcttaca gctgcggatt gcaacacgcg gggctgaaca gctgggctga 960
aggtggaagg atgggtgtatt ccacgtgttc actaaaccct attgaggatg aagcagtc 1020
agcatcttta ctggaaaaaa gtgaaggtgc tttggagctt gctgatgtgt ctaatgaact 1080
gccagggctg aagtggatgc ctggaatcac acagtggaag gtaatgacga aagatgggca 1140
gtggtttaca gactgggacg ctgttcctca cagcagacac acccagatcc gacctaccat 1200
gttccctccg aaggacccag aaaagctgca ggccatgcac ctggagcgat gccttaggat 1260
attaccccat catcagaata ctggaggggt ttttgtggca gtattggtga aaaaatcttc 1320
aatgccgtgg aataaacgtc agccaaagct tcagggtaaa tctgcagaga ccagagaaag 1380
cacacagctg agccctgcag atctcacaga agggaaaccc acagatccct ctaagctgga 1440
aagtcgctca ttcacaggaa ctggtgacac agaaatagct catgcaactg aggatttaga 1500
gaataatggc agtaagaaag atggcggtgtg tggctcctc ccatcaaaga aaatgaagt 1560
atttggattt aaagaagatc catttgtatt tattcctgaa gatgacccat tatttcacc 1620

```



tattgagaaa	ttttatgctt	tggatccttc	attcccaagg	atgaatttgt	taactcggac	1680
tacagaaggg	aagaaaaggc	agctctacat	ggtttctaag	gagttgcgga	atgtgctgct	1740
gaataacagt	gagaagatga	aggttattaa	cacgngatc	aaagtctggt	gtagaaa	1797

<210> 8728  
 <211> 800  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (62)...(802)  
 <223> similar to gi1698455 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8728						
ctagtttgag	gcactatgat	atataagact	tcattttgca	attattccct	atcaaggcaa	60
aatcaattct	gctaaaatgg	tagcaaggac	aaacatcaaa	ttgatggtga	aagttgtgat	120
gtggaagaat	ggtgaaatca	ttgatacttt	acaaatagtt	tatggggaca	atgccccaaa	180
gaaatcagta	gcagttttaca	aatgcataac	tagtttaaga	cgaagcaaag	ttttagatga	240
agcctgcagc	agcagaccag	tcacatcgat	ttgcaaggga	aaagttaatc	ttgtttatgc	300
caacatctca	attggttcag	cttacacaat	tttgatggaa	aattaaattt	gagcaaactt	360
tccactcatt	ggatgccaca	actgtacacc	cagatcagct	gaagacaaga	gcaaagcttt	420
caatggaaat	ttaaacaagt	gtgatcaaga	ccctaaagga	tttctttgaa	aaattgtaac	480
aagagataga	acatggcttt	actagtacac	ttttgaagac	aaagcacagt	caaagcaatg	540
gctaccaaga	gggggaagtg	gtccagtcaa	agcaaaagca	ggctgggtcaa	gagcaaagggt	600
caaggcaaaa	caggtttttg	gaatgctcaa	atcgttttgc	ttgttgactt	tctggagggc	660
caaagaacga	taacatctgc	ttatgagagt	attttgttga	aaaaaattag	caaagctttt	720
agcagaaaaa	cgcttgagag	agctttacca	aaacgtactc	tacccaaca	atgcaggcaa	780
ggtccttcat	caaactaggg					800

<210> 8729  
 <211> 1104  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (871)...(1102)  
 <223> similar to gi288145 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8729

taaattagta	tggttttaag	atagttttac	agatagatta	gataatctat	ctagagatag	60
atagggagag	atatctatca	atacatatct	ctatctagat	atagatagat	ggttttctat	120
atagacctat	ctatctatat	atgtatacat	ctatatatgt	ctacacatat	ctctatacac	180
atatatatat	ttatatctcc	atctatatatt	ctacatgtat	ataggtatgt	atatatctac	240
atgtatatat	gtatatagat	agatatatac	ataggtatct	gtatatatgc	atatacatgc	300
ctatctatct	ttatctacat	gtattacata	gatagggtaa	ttactgataa	atcctttggc	360
cttctttgta	aatctctggg	ctaaagaccc	ctccagtatt	atacatgttc	tggtctagat	420
tgctcactca	ccagttctcc	tcactatcta	gagaagatcc	acttagcagg	cctcccctta	480
aagaagggca	ccttaactgg	actcactcct	cccatagtag	actgcacagt	acacaagcag	540
aagaggagag	ctcaataata	aagtcagcat	aaaggataat	ttttaaatga	ataaagaaat	600
cagaaaatcc	agtattggct	agcacatatg	gctatcagca	agctcaccct	acaaaaaaat	660
agtgagaaaa	cagttcgaat	attggccggt	tggggcacat	attctacaaa	aaggaaaagt	720
tttgaaatgt	atatatatatt	aatttaactc	tttaaaatat	ttgtaggcaa	gcccagtggc	780
tcacacctat	aatttcagaa	ctttgggagg	ccagggcagg	aggattgctt	gaggccagga	840
gaccagcctg	ggcaacatgg	caagacccca	tatctacaga	tggtttttaa	aaattagcca	900
ggtataacac	agtgaaaccc	cgtctctact	aaaaatacaa	aaaattagcc	gggcgcggtg	960
gctcacgcct	gtaatccag	ctactttggg	aggccgaggc	aggagaatgg	cgtgaacccg	1020
ggaggcggag	cttgacgtga	gccgagatcg	cgccactgca	ctccagcctg	ggcgacagag	1080
cgagactccg	tctcaaaaaa	aaaa				1104

<210> 8730

<211> 592

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(593)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (466)...(592)

<223> similar to gi4929727 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8730

acactgaact	gaagactgtg	tcactctgaat	cattctatta	gtcactttaa	tgatttatat	60
tgtgaacttt	tttgggggaa	actgtcatta	aactgacttg	aaaccctgat	atttgaacat	120
aaaactattg	tgaggggaat	aaataacaat	tctttcagat	aatgaatgga	ttataagcaa	180
ctccaggaga	caaaaaaagt	gtctagaaca	aatttcagcc	tactcttgct	cggaaatatg	240
ttccttaaat	gtttaaataa	ttaacaaaaa	tgcatagcag	tacagtaaat	ttttttatga	300
gcttcttatt	gatacaggca	tttaagtaac	aacttttatc	tgtcaaaggc	tttcgcagaa	360
gagggttcttt	tttgatcagg	gcgatggaac	tggtcatctc	tgtggtccta	tcaaccctct	420
cagttttcta	agttattgat	tgtctttgct	ctgctatttt	tggcagccct	ctgttgctat	480
tctttgacat	tcatgagatt	tgccatacaag	gtacagcctc	ggaactgggc	ttctgtttgc	540
atgcccacgg	caacaaatgg	aagtaggcc	agttcnccgg	ggggaggggc	gg	592

<210> 8731  
 <211> 2297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (366)...(0)  
 <223> similar to gi4379026 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8731
cggggtaatg ttggcttcat agaatgactc agaaaggggt ctgtttctca actttttgga      60
ggagttcgag aaggattagt gttaattcat ttctaaacgt ttggtagaat tcaccagcga      120
agtcatcagt tcctgggctt ttctttgtta ggagagtttt ggttgctgat tcaatcagaa      180
ttgaatatca ttacttttta tagatctatt cagatttatt ctttgttctt gagtcaactt      240
tgttggtttg tatgtttcta ggaatttgct tgtttcatct aggttatcca attttttgac      300
atatagctct tatacgaatt ctcttacaat cttttttatt cctataaatc agtagtagtg      360
tttttcattt ctgatttttag taggtgagta ttctttttcc ttaatctaga taaagctttg      420
tcaactttgt tgatctcttc aaagaactaa ttttttgttt cattgattct attggttttc      480
tattctctat ttcattttatt tttgctctaa tccttattat ttcttctctc tttatggctt      540
caaactcaat tgaacataaa gtattaagaa atttgacttt tttctcaaat gtctaaaatg      600
taacaagaaa tatgtctaga gtcatacaaa agcagcctgt ttgtcagatt tactgtttaa      660
tccatgtaaa cagctttcat ataattcatg atagaatatt actatgtgct ttggaagaca      720
ctgaaggaaa gacaaaaggt cattgggcag aaccacccta gattgactgt taaggccatc      780
ttctagtttg caggacttgt ggtagacaga cagaataata tcctggacct cttgggtgta      840
tacaggacaa actgaaataa actctcattt ttagatcata atgtcatcat gaaacatata      900
aattcggctc atttctgaag aaaacaagca caatgataaa gtttgaatgt ttgtctcttc      960
caaatctcat gctgacattt gatccccaat gttggagggt gggcgccact ggagggtgtt     1020
tggttacggg ggcagatccc tcatgaatgg cttgggtgctg tcttcatggg attatgttct     1080
cactcctact tcctgtgaga tcttattgtt aaaaagaatc tgataccttc ctcccccttc     1140
ttgctctctt cctccctgat catgtgacac acgggttccc ctttgccctc caccacgatg     1200
gaggcttctt gaggccctca acagaagcac atgctgggtgc catgcttctc gtacagcctg     1260
cagaattgtg tgagccaaat aaacctcttt tccttatata ttaccagacc tcagggtattt     1320
gtttatagca ataaaaacag actgagacac atgatgaaga ccctttgata tcctataaat     1380
attgatttct ctccctgaga gaagagcatg aatctaagtg atgccattac tctaattgtga     1440
attccacaac tcttctcaaa gatgtggccc atatgttcct aataatggct ttctaagaat     1500
ctgtttctgaa ggggtacctt ctctctgatt ttcatttgca tttcctgctt agcttacaca     1560
cttcaccttg cctatccacc tgtcctgacc ccaataacct ccatcatcag acatctcatc     1620
ttacctacct actttctact tttcccagtc cttcccgtgc ttcataaacc atgatcatga     1680
gctagagaca caagggtcata gctaaggagt tgggatcaga aatcacctt ctgtgatttt     1740
ccattattct caatacataa cttcaacaaa atcaagaaaa tcatgaaagg acatcctaag     1800
gggtcagggtg aggttgcatg ggggttagtc ggtcaatagt ttctttatgc caattaggat     1860
ttctgcagaa aacaatgaaa cactggttta aacagtaaaa atattttaat tccttacaga     1920
agcccatgga acatacactc cagggttaat tcatcagctc aatagcatca tcaacgactt     1980
aggttctttc cactttctgc ttgtcatctg tgttggtctt attttcaagc tagctcctcc     2040
ctggttgcaa gataattgca gcaggtttag ttatcatatt cggacatgct aacgcccagg     2100
ctagtgatcc cttccttaca tttctttctc attttaagaa caaagtgttt aaaaaattat     2160
acttaaaatt attggcatct ctgtcaattg aaagatgtca atctctttca tttttcctaa     2220
tactaataaa catctactaa aaacaaaatg tctgtgtaaa taatttattt gaataaaatt     2280
aaagttgttg agtgaaa                                     2297
  
```

```

<210> 8732
<211> 1380
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (168)...(1339)
<223> similar to gi402649 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8732
agccgcaaac ccagcggagg gcggaagaa ggaggaggcc tctaggggtg tcgggggact    60
gggggccccg ccggcagagg tccctcggcc tcctgactga ctgactgcgg ccgcctccgg    120
ccaggacgct gggagctgcc tgacgggaag gtgcggggag cggagccatg gcctccgggtg    180
cgtataaccc gtatatagag ataattgaac aaccaggcca gaggggaatg cgttttagat    240
acaaatgtga agggcgatca gcaggcagca ttccagggga gcacagcaca gacaacaacc    300
gaacataccc ttctatccag attatgaact attatggaaa aggaaaagt gagaattaca    360
ttagtaacaa aagaatgacc catataaacc tcctcctcat gatttagttg gaaaagactg    420
cagagaccgg ctactatgaa gcagaatttg gacaagaacc gcagacctt tgtttttcca    480
aaatthttggg tattcgatgt gtgaagaaaa aagaagtaaa agaggctgat aattacaagg    540
aataaaggca ggaatcaatc cattcgatgt cccctgaaaa cagctgaatg atattgaaga    600
ttgtgacctc gatgtggtga gactgtggtt tcgagttttt ctccctgatg gacatggtaa    660
tttgagcgac tgctcttcct cctgtgtgtc tcgagcccaa tttatgacaa ccgtgctcca    720
aatactgcag aattaagggt ctgtcgtgta aacaagaatt gtggaagtgt cagaggagga    780
gatgaaatat ttctactttg tgacaaagtt cagaaagatg acatagaagt tcgttttgtg    840
ttgaacgatt gggaagcaaa aggcattctt tcacaagctg atgtacaccg tcaagtagcc    900
attgttttca aaactccacc atattgcaaa gctatcacag aaccctgaac agtaaaaaatg    960
cagttgcgga gaccttctga ccaggaaagt agtgaatcta tggatttttag atatctgcc    1020
gatgaaaaag atacttacgg caataaagca aagaaacaaa agacaactct gcttttccag    1080
aaactgtgcc aggatcacgt taattttcct gagagaccaa gacctggtct cctcggttca    1140
attggagaag gaagataact caaaaaagaa ccaaaacttg tttctcatga tgcagttgtg    1200
agagaaatgc ctacaggggt ttcaagtcaa gcagaatcct actatccctc acctggggcc    1260
atctcaagtg gattgtcaca tcatgectca atggcacctc tgccttcttc aagctggtca    1320
tcagtgggcc accccaccca cgaaatcgtc gaccgggaa gtccggtcgg accgagtcct    1380

```

```

<210> 8733
<211> 548
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = a,t,c or g

```

<220>  
 <221> misc\_feature  
 <222> (206)...(548)  
 <223> similar to gi2197085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8733  
 cgcaggtcca tgtctaaact aatcagcaaa attcattcca ttggacacag tgattagctt 60  
 gtggttgtgc acatgaacca atttgatca atgagaacct gaccctgact tttagtgtac 120  
 tggtggggtg aggtgtactg tctttcctac agaacacaaa cttccagctg tagaaagtca 180  
 tctcatagtg tcaagaagtg agtctgtcat caacaaaata taggcaaacc aaatctggga 240  
 acatataaaa agataatata tcatgaagaa gtgggattta ttctaggaat gcaagggttg 300  
 ctcaacataa gaaaagcaac aactgaaata taccatatta atagaataag gacaaaaacc 360  
 acatgatcat cttaactgtt aggaaaaagc atttgacaaa atctaacatt atttcatatt 420  
 aaaaacactc gacaaactag gaatataagg gaactttttt aatttgatga aaaaaatcca 480  
 tgaatatcac acagccaaca taaacttaat ggtaaaagac tgaaagcctt ccccctaaca 540  
 ttnggaac 548

<210> 8734  
 <211> 1728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (189)...(1728)  
 <223> similar to gi1946992 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8734  
 gccctgcggg gacgcccagc gcagcccagc ccgcgcgcgc ccagccctgc cctgccctgc 60  
 cctgccctgc cctgcgcccg gggcgcgccc accgcgcgcgc atccatgttc gacaccacac 120  
 cccactctgg ccggagcagc ccaagcagct ccccatcgct ccggaaacgg ctgcagctcc 180  
 tgcccccaag ccggccccca cctgagccag aaccaggcac catggtggag aagggatcag 240  
 atagctcctc agagaagggt ggggtgcctg ggacccccag caccagagc ctaggcagcc 300  
 ggaacttcat ccgcaacagc aagaagatgc agagctggta cagtatgctg agccccactt 360  
 ataagcagcg taatgaggac ttccggaaac tgttcagcaa actccccgaa gcagaacgcc 420  
 tcattgtgga ttactcctgc gccctgcagc gtgagatcct gctccagggc cgcctctacc 480  
 tctctgagaa ctggatctgc ttctacagca acatcttccg ctgggagacc acgatctcca 540  
 tccagctgaa ggaagtgaca tgtctgaaga aggaaaagac ggccaagctg atccccaacg 600  
 ccatccagat ctgcacggag agcgagaagc atttcttcac ttcttttggg gccctgacc 660  
 gctgcttcct cctcatcttc cgccctctggc agaatgcact gcttgaaaag acgctgagtc 720  
 cccgcgagct ctggcacctg gtgcatcagt gctacggctc agagctgggc ctcaccagtg 780  
 aggatgagga ctatgtctcc cccttgagc tgaacgggtct ggggaccccc aaggaagtgg 840  
 gagatgtgat cgccctgagc gacatcacct cctcgggggc agctgaccgc agccaggagc 900  
 caagcccagt gggttcgcgc cgtggccatg tcacgccccaa cttttcccg gccagcagcg 960  
 acgcagacca tggggcagag gaggacaagg aggagcaggt agacagccag ccagacgcct 1020

cctccagcca	gacagtgacc	ccggtggctg	aacccccgag	cacagagccc	accagcctg	1080
acgggcccac	caccctgggc	cccttgatc	tgctgcccag	tgaggagcta	ttgacagaca	1140
caagtaactc	ctcttcatcc	actggggagg	aagcggactt	ggctgccctg	cttcccgacc	1200
tctccggccg	cctctcatc	aactctgtct	tccatgtggg	cgctgagcgg	ctccagcaga	1260
tgctcttctc	ggactcgccc	ttcctccagg	gcttctctaca	gcagtgcaag	ttcacagacg	1320
tgacgctgag	cccctggagt	ggggacagca	agtgccacca	gcgccgggtg	ctgacgtaca	1380
ccatccccat	cagcaaccca	ctgggccccca	agagcgcctc	cgtggtggag	acacagacgc	1440
tgttccggcg	cggccccccag	gccggcgggt	gtgtggtgga	ctccgagggtg	ctgacgcagg	1500
gcatcccccta	ccaggactac	ttctacactg	cccaccgcta	ctgcatcctg	ggtctggccc	1560
ggaacaaggc	gcggctccgg	tgagtgggtg	ctgggcccct	ccaccgatg	ccctggtggc	1620
cccagggcct	cctgtccact	cctcatgtca	gcagcagagc	cttggttccc	accctggtgg	1680
aggaacagaa	gcgtgggggt	cctgaggccc	ttgtcctccg	aatagtgg		1728

<210> 8735

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (79)...(367)

<223> similar to gi2072953 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8735						
gaacaaataa	gacagtaaat	ctagaaaaca	agtagcaaaa	tagcaaatat	aaaccaccg	60
tgtcaataaa	gtgaatatct	aaacatgccca	aaccaaaggc	agattctgtt	aagctggatc	120
ttctgtgcgt	gagagacaca	ccttaaattc	aaaaacacaa	acagattgaa	agacaaagga	180
tggaaaagga	taaaccatac	taacagtaac	cacgaaagag	ctggagtggc	aatattaaat	240
atcagacaaa	atggatatta	agatagattt	actaggatct	gacacatgtt	tcatagtgat	300
agtacagggg	tagctgtaac	agttacaaat	gtatatgcac	taataatgac	ctcaaaatat	360
aggaaacaaa	actgaactga	attgaa				386

<210> 8736

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (8)...(417)

<223> similar to gi2197085 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8736
aaaggaagaa attataccaa ttctctgaaa tctcttttcag aatataaaaag cagaggggaat    60
acttcctaac tcattcaatg aggctagaat taccctaata ctaaaacaaa acagacatta    120
caaggaaaat aaaccctata gaccaatctc tcatggacag acatgcagaa atccttaaca    180
aaatatcagc aaattgaatc cgataacgta tgaaaagaat tatacaccat ggccaagtga    240
gatttagcta aggtatgtgg ggttggttca acattagaaa acaaattaat gtaatccatc    300
acacccatag cctaaagaag aaaaatcaca tgatcatatc aataaatgca gaaaaagaat    360
ttgacaaaat aagaaaactt cctaaactta ggaacatcta caaacaaaac atatagttaa    420
catcataagt aatggtgaga aactcaa                                447

```

<210> 8737

<211> 1140

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (305)...(1139)

<223> similar to gil1334643 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8737
tttttttttt ttaaaaaaatc aataaacatt tatttgatac agtcatttta atacatacag    60
tgatggcccc tccccacgcc actcgggacc agggcgcggg gcggggacga ggaccgggga    120
cagatgggtca caaggcgggc ggggcccga ctcaccgttg aaacatctcg caaataaaca    180
ctttgtagat agaatatata tgtatatata tatggttaca agtgatagct ggaacctctt    240
tcaaaatgca cttatgtact gagaactggc attaaaaaac ccaaaccaag aaacccaaag    300
cacgggacgc ccggccgcga ggcaggggaa agcctggggc cccagaccgc ggccctggggg    360
agccgcctgg ggccccgcca aacgcggcac acggggacgg cccctcccgc ggtcaggctc    420
actggctcct tcccttcagc gccaccaggc aggagggcca acggtcacac aggaggcacc    480
ctcacctgcc tttgcaccag caaataaagt gcatccatt ttcgtgtgag cgtcggccccg    540
gtgagtcagc ccttcggggc cctttcctgt tctcagggca gggggcggtgc gctgagccag    600
aggtagatct gcagaaaggc ccccgactgg gcctcgggca gggcgggcgc ccaccacact    660
ctgggggtca gctatgctgg tccctctcac tgagggctcc tggaggccta tgtgggccag    720
cgtagggagt gggcagaccc tgctgagctc caccagggc cccacccctt gggaggaggg    780
ctctgcgga cagcatgtgg cagagggagg gcagaaagga gggggtcaga cccaacagcc    840
acttctggca gtagccccc cgcctacctt aaagacaaag ggggttaaag tgtaaacaat    900
caaggatatc aggactcctc ttcccacacc agggattatc tgtgggcttt gggagtgtcc    960
cggaaactca cccccagcaa aaaccagacc ctcttctctt ctccccaagg gccaagtacc   1020
tgagaggctg gggcaggcac cacaccctgc aggtgttcag gtccaccctc ctcccgccat   1080
tggtggcaag gacaaagtgc acctaggccc acgccagtg cctgctcccc tcccctcccc   1140

```

<210> 8738

<211> 530

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (92)...(531)

<223> similar to gi2072953 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8738

gtggtaacgt	ttgagtccca	ccaaaccaca	attataaaca	ataagaaaga	aggaaacaaa	60
ggatatacaa	aaccagaaat	tatttaataa	agtgacagga	ataagccctc	acatatcaat	120
agcaaccctg	aatgtaaatg	aattaaactt	tccactggaa	agacagagac	tggtggaatg	180
gatttaaaaa	aacattactc	aactatatgc	tgtgtacaag	aagctcatcg	cacctgtaca	240
gacacatata	gacttaaaagt	acaggggatga	aaaaagatat	tccatgcaaa	taaaaaccaa	300
aagcaagcag	gactagctat	acctatatca	gataaaacag	actttaagtc	aaaaacagta	360
aaagacaaaag	agagtcatta	tataataaca	aagggattaa	ttcatcaaga	ggctataaca	420
cttctacata	catctgcacc	ctacaccaga	gcactcagat	gtataaagca	aatattatta	480
aatctaaagg	gagagacaga	cttcagtata	ataatagctg	aggacttcaa		530

<210> 8739

<211> 1888

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (308)...(1853)

<223> similar to gi4559353 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8739

tttcgtgggtg	gcagggtggt	ggatctgttg	gtcccgtttt	cccgtcgcac	gtggtggcca	60
ctgttggtt	ctgaatggtt	tgcaaggcgg	atatccacgc	caaggccttt	ggatcggccg	120
tggttacatc	cgtctgagcc	gttcctttcc	atcgagagc	ggcggcctcc	ggcggcgctc	180
tccagtcag	gactaccggc	ggcttctcat	gagccgggtg	gtccccgggc	aattcgacga	240
cgcggaactcc	tctgacagt	aaaacagaga	cttgaagaca	gtcaaagaga	aggatgacat	300
tctgtttgaa	gaccttcaag	acaatgtgaa	tgagaatggt	gaagggtgaaa	tagaagatga	360
ggaggaggag	ggttatgacg	atgatgatga	tgactgggac	tggtgatgaag	gagttggaaa	420
actcgccaag	ggttatgtct	ggaatggagg	aagcaaccca	caggcaaatac	gacagacctc	480
cgacagcagt	tcagccaaaa	tgtctactcc	agcagacaag	gtcttacgga	aatttgagaa	540
taaaattaat	ttagataagc	taaatgttac	tgattccgtc	ataaataaag	tcaccgaaaa	600
gtctagacaa	aaggaagcag	atatgtatcg	catcaaagat	aaggcagaca	gagcaactgt	660
agaacagggtg	ttggatccca	gaacaagaat	gattttattc	aagatgttga	ctagaggaat	720
cataacagag	ataaatggct	gcattagcac	aggaaaagaa	gctaattgat	accatgctag	780
cacagcaaat	ggagagagca	gagcaatcaa	aatttataaa	acttctatct	tggtgttcaa	840
agatcgggat	aaatatgtaa	gtggagaatt	caggtaaagt	cagatttttc	cctccagttg	900
gtttaatttc	tatttcctaa	aacattaaaa	taataatgga	atgattgaaa	taataaacat	960



ttttcttatt	caagatttcg	tcatggctat	tgtaaaggaa	accctaggaa	aatggtgaaa	1020
acttgggcag	aaaaagaaat	gaggaactta	atcaggctaa	acacagcaga	gataccatgt	1080
ccagaaccaa	taatgctaag	aagtcagtgt	cttgtcatga	gtttcatcgg	taaagatgac	1140
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ctgcaggcca	ttcagtacat	gagaagaatg	tatcaggatg	ccagacttgt	ccatgcagat	1260
ctcagtgaat	ttaacatgct	gtaccacggg	ggaggcgtgt	atatcattga	cgtgtctcag	1320
tccgtggagc	acgaccaccc	acatgccttg	gagttcttga	gaaaggattg	cgccaacgtc	1380
aatgatttct	ttatgaggca	cagtgttgct	gtcatgactg	tgcgggagct	ctttgaattt	1440
gtcacagatc	catccattac	acatgagaac	atggatgctt	atctctcaaa	ggccatggaa	1500
atagcatctc	aaaggaccaa	ggaagaacgg	tctagccaag	atcatgtgga	tgaagagggtg	1560
tttaagcgag	catatattcc	tagaaccttg	aatgaagtga	aaaattatga	gagggatatg	1620
gacataatta	tgaaattgaa	ggaagaggac	atggccatga	atgcccaaca	agataaatatt	1680
ctataccaga	ctgttacagg	attgaagaaa	gatttgtcag	gagttcagaa	ggccccctgca	1740
ctcctagaaa	atcaagtgga	ggaaaggact	tggtctgatt	cagaagatat	tggaagctct	1800
gagtgtctctg	acacagactc	tgaagagcag	ggagaccatg	cccgcccaa	gaaacacacc	1860
acggaccctg	acattgataa	aaaaaaaa				1888

<210> 8740

<211> 3299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1461)...(2771)

<223> similar to gi2224557 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8740

tttttttttt	ttctttttca	cctcctggag	tcctggactt	ccccacatct	cccctgcccc	60
tcccacgttt	ccatagtcca	agggccagag	taaatgaaaa	tacagcagcc	gccccagcaa	120
tggggcccat	gctggggctt	cagtcatcag	catcttcaact	ggagtctgag	ttagtctggca	180
tcataggatc	atcaatgagt	gagaagtccc	tttctgagct	atcatagccc	tgagataagt	240
catcatcatc	ttcttcatcc	tcacgtcat	cctcctcagg	ttgcagtggg	ggcaaccgca	300
aggtagtacc	agaggcggtg	gtcactgggtg	aagaggggta	gccaggggct	ctcaagcctg	360
gatgggtgatg	gtgggtgatg	tgggggtggg	ggtgggtggg	gtgggtgatga	agcatgggtgc	420
tggagtctac	atgaggggat	gatgggtgcac	cacccatcac	aaatggcata	aaaggcaaag	480
atgcagaagt	ggcactgctg	tgacccaaag	atgacacaga	ctgtaggcca	ctactgctgt	540
gttggaaagt	gttatgcaga	gatagagacc	cagtgcctcc	accctgcatg	agggccatca	600
tcttagaaag	gtctggctgc	atcctacggg	cccgttctt	gctgctctct	ggtgcaatag	660
gcccctggcaa	aaccgggttg	aacaccgttt	cagtgtgatg	accctttttc	ccatttctag	720
agttagctgt	ctgtactggg	tccattccca	aacagttcaa	ttctgcctta	ttattttttt	780
tttacatctt	tgccacttct	gttttatgcg	atcctccata	tacgctagaa	atcggggatc	840
aacagcaaac	tctggatgac	cctgtaacca	catctccagt	tcagcccggc	gaggggcatc	900
ctcaccaccc	agcaaagtac	catccacctt	attgatgaca	gggatccggg	tctccaggtc	960
cacatcaagg	tgattaggct	cttccatgca	ctccacctcc	agctctacta	gcttctttct	1020
gttccccctt	ttcttatgaa	acagtggatg	tccatctccc	attactccat	tcgccatcaa	1080
cttgtgcttc	tggaaatgta	acttcaatcc	ttcctcatct	ttgatttgaa	ctgtaaacctc	1140
cttttcatcc	atgcctcggc	gaagtttggt	gaactgggct	gccgctgtgc	tgactgcaga	1200
tgtctctctc	tctgccatgg	aagctgcact	actacttcgt	ggtgtgggga	ctggagagtc	1260

accatattct	ccaggagtca	atgagggact	gtctaataaa	tggttgccctg	gggccaaaat	1320
tcctcctggt	accatttcct	ggctcctacg	gctagaaggc	cacttccctg	agagtacagc	1380
ctggcagacg	aggtcaatac	ggtttatcag	gacacgatcc	ttggccctgc	agaacgtggg	1440
gaccggcgaa	ggcgcgttgt	gaagcagcct	tcaagctgaa	agaaattgca	cggcgggaga	1500
aacaacaacg	atggacaagg	cgtgaacaaa	ctgattttta	tcgagtgggtg	tctacgtttg	1560
gtgtggaata	tgaccctgac	accatgcagt	tccattggga	tcgcttccgc	acttttgctc	1620
gactagacaa	aaagacagat	gaaagcctta	ccaagtactt	ccatggcttt	gtggccatgt	1680
gccgccaagt	atgccgcctt	cccccagcag	ctggagatga	accccccgac	cctaacctgt	1740
tcattgagcc	catcactgag	gagagagcct	cacggactct	ctaccgtata	gaattgcttc	1800
ggcgccttacg	ggaacaagtt	ttatgccacc	cccttttgga	agatcggtcg	gcattgtgtc	1860
agcctcctgg	tcctgaattg	cccaaagtgt	gggagcctgt	tcggcatgat	ggggagcttc	1920
taagaggggc	agcccgccat	ggggtgagcc	aaacagactg	caacatcatg	caggaccag	1980
acttctcttt	tctggctgcc	cgtatgaatt	atatgcagaa	ccatcaagca	ggagcaccag	2040
ctccatcctt	gtcacgctgc	tctactccac	tgctgcacca	gcagtatacc	tcacgcactg	2100
cctcaccact	gcccctgcgc	ccagatgctc	ctggtgaaaa	gtcacccgag	gagaccagta	2160
cccaggtccc	cagtctggag	agtctgactt	taaagctaga	gcacgaggtg	gtggccagga	2220
gccgaccaac	cccacaagac	tatgagatgc	gagtatcccc	ctctgatact	acccctctgg	2280
tttcccggag	tgttccacca	gtcaaactgg	aggatcagga	tgattccgga	ctctgagctg	2340
gacttgagca	agctgtcacc	atcttcttct	tcttctcat	cctcatccag	ctccagctcc	2400
agcactgatg	agagtgagga	tgagaaggaa	gagaagctaa	ctgaccagtc	ccgctcaaag	2460
ctctatgatg	aagagagtct	cctgtccctc	actatgtccc	aagatggatt	cccaaataaa	2520
gatggagaac	aaatgacccc	tgagcttctg	ctactgcagc	tcagcctct	atcttcattt	2580
gttctctctt	gtagctgcgc	tgatacgtg	ttactagacg	ccgaagccta	gctgttaggg	2640
cagagcgagg	ccagaataaa	tggcctggct	gttgggtcac	ctgggcttca	tctccatcaa	2700
tcactgagat	ctctcatcc	atcatcatca	agggatcacc	ctcatcatct	tggtcctttg	2760
ggggaccttg	gagtggttta	tatcaggatc	ttcacaatct	ttatcaagtc	aaccttctta	2820
ctatgtcaga	gaagttatcc	aacactcgat	gttctgctgc	aattgctttg	tcactctggtc	2880
ggccagcctt	ttctagga	cataaggctg	ggtctgccct	catggtatta	tatttctcat	2940
agccatgttt	aaagactcca	atgagcagcg	acttgtcagc	ctcatctgtc	ccaccaagtt	3000
gttggaacct	ccagttgatc	cactactggg	aaccatatgt	caatctcact	ggcaatcgca	3060
ccccctaaca	ccttttctgc	ttggtctcca	taacctcctg	cctcaggtag	atagcattcg	3120
taccgcgaac	agtacctggt	tacactgatg	tttcaagtgc	ttcttataac	tttcatcttg	3180
gaacaaagtg	tcagggttat	atttcgggat	ccaatctgcc	ttatggatat	caaaagtgtc	3240
ttatgacttt	actttttttc	ctttgcgtcc	acgaggcaca	gggatagata	gacctgaat	3299

<210> 8741

<211> 666

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(667)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (45)...(659)

<223> similar to gi4176500 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8741
cgggtggaatt ggcccaggat gacagctggt gaatggagtc agttttatcc aagtatgaag      60
atcagattac tatttttact gactacctag aagaatatcc agatacagat gagctggtat      120
ggatcttagg gaagcagcat ctcttaaaa cagaaaaatc taagctgttg tctgatataa      180
gtgctcgtct atggtttaca tacagaagga aattttcacc aattggtgga acggggccctt      240
catcagatgc tggttgggga tgtatgctac gctgtggaca gatgatgctg gctcaagccc      300
ttatctgtag acacttgga agggactgga gctgggagaa acaaaaagaa caacccaaag      360
aataccaacg catctacag tgcttcttag atagaaaaga ttgttgctac tctatccatc      420
aaatggcaca aatgggtgta ggagaaggga aatcaattgg agaatgggtt ttgggaccaa      480
atacagttgg cacagggtgt ttaaaaaaac ctggccctta tttgacgaat gggaattccc      540
ttgggctggt ttatgtttca atgggataac cccagtgggt ccattgnaag atttccaaaa      600
aaattgtgcc gtgtccttcc cettgagtgc tgacacagct gggttgacag ggccctncccg      660
attcct

```

```

<210> 8742
<211> 1433
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (347)...(1333)
<223> similar to gi306316 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8742
gcccctttca ggccccagcc cctttgccat gggtagagcc caaactggga acggtgaaga      60
gtgctccctt tgattgatct gtctctctct acatgggccc cagctccttt cagaatatca      120
gatgtccaac atttcccttc tggtcttttt tagctcccaa gtatctgctt ccttaaaggc      180
cctgagtcac ttcttctctc tttgcttcag actggcccgg gagcaagcgc gagtgtgcga      240
actgcagagt gggaaccagc agctggagga gcagcgggtg gagctggtgg aaagactgca      300
ggccatgctg caggcccact gggatgagga caaccagctg ctcagcacca ctctcccgcc      360
gccaaccctt ccagctcctc ctgctggacc ctccagcccc gggcctcagg agcccagaaa      420
ggaggagagg agggctctga ctatgcctcc catggcctgt gccctgaagc ctgtattgca      480
gcagagccgg gaagcaaggg acgagctacc tggagcgcct cctgttcttt gcagttcctc      540
ctcagatctt agcctcctgt tgggcccctc ttttcagagc cagcattctt tccagcccct      600
ggagcccaaa ccagacctca cttcatccac agctggggcc ttctctgcac ttggggcctt      660
ccatcccgat catagggcag aaaggccatt cctgaggaa gatcctggac ctgacgggga      720
gggcctccta aagcaagggc tgccgcctgc tcagctggag ggcctcaaga attttttgca      780
ccagttgctg gagacagtgc cccagaacaa tgagaacctt tctgtcgacc tgttgcccc      840
taagtctggt cctctgactg tcccatcttg ggaggaagcc cctcaagtgc cacgtattcc      900
accgcctgtc cacaaaacca aagtctcctt agccatggca tccagtcttt tccgggtccc      960
tgagcctccc tctctccatt cacaaggcag tggctcccagc agtgggtccc cagagagagg      1020
tgagagtggg cttacattcc caaggcagct gatggaggtg tctcaactgt tgcgactcta      1080
ccaggctcgg ggctgggggg ctctgcctgc tgaggatctc ctgctctacc tgaagaggct      1140
ggaacacagc ggcaggactg atggccgagg ggataatgtc cccagaagga acacagactc      1200
ccgcttgggt gagatccccg ggaaagagat tccctcccag gctgtccctc gccgccttgc      1260
tacagccccc aagactgaaa aacctcccgc acggaagaaa agtgggcacc ctgccccgag      1320
tagcatgagg agccgggggg gagtctggag atgagccccc ctaccctctc tctcttttgt      1380

```

tctctcattg ttgttatttt aataaatgct cagtagtctg aaaaaaaaaa aaa

1433

<210> 8743  
<211> 438  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(439)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (19)...(441)  
<223> similar to gi4519515 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8743  
ctggagtttg actacatgtg ccagtatgac tatgttgagg ttcgtgatgg agacaaccgc 60  
gatggccaga tcatcaagcg tgtctgtggc aacgagcggc cagctcctat ccagagcata 120  
ggatcctcac tccacgtcct cttccactcc gatggctcca agaattttga cggtttccat 180  
gccatttatg aggagatcac agcatgctcc tcatcccctt gtttccatga cggcacgtgc 240  
gtccttgaca aggctggatc ttacaagtgt gcctgcttgg caggctatac tgggcagcgc 300  
tgtgaaaatc tccttgaaga aagaaactgc tcagaccctg ggggcccagt caatgggtac 360  
cagaaaataa cagggggccc tgggcttata aaccgacgcc atgctaaatt ggcacccggg 420  
tggttttctt tttgacan 438

<210> 8744  
<211> 1094  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1073)...(1010)  
<223> similar to gil020145 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8744  
cccattgaac ctgaacaaaa gtcgttcccc aggggtgggccc aagttaaccc cctccccgcc 60  
ggaagccata aagagaaatt tctgaaggag gccccgggtg aaaaaaaagc cagccccctt 120  
gaagattggg ccaattaatt tcacccagaa agagtgggccc tgtctagatg ccagccagag 180

ggtcctttcc	agggatgtta	tgtcggaaac	cttaagaatc	taacatctgt	gggtgtgaaa	240
gatctgagtc	actaagctca	gtggtaaaga	gaagaaatga	tagcctgcat	gaaggcaaaag	300
ataactcttg	taacatgatg	acagtgttct	caaaatatgc	aaatttttcc	attcatcaaaa	360
caaataattta	ctaagtcact	cctgagaacc	agccagaatc	tttctgcata	agccagagct	420
aatcaccaag	cttgagcaag	aagaggaaca	gtggagagag	tttgtccatc	tcccaaacac	480
agaaggcctt	tcagaaggca	agaagaaaga	gcttcgagaa	caacatccca	gtctgagaga	540
tgaggggact	agtgatgaca	aggtcttcct	tgcattgcaga	ggggccggcc	agtgtcccct	600
atctgccccca	gctgggacta	tggacaggac	ccgggtgctt	caagcatccc	aggctgggcc	660
accctttttt	ttgctacacc	tgtggcaaat	gtttcagcag	gcgtctctac	ctctatagcc	720
accagtttgt	tcacaatccc	aagctgacta	acagctgcag	tcagtgtggg	aagttgtttc	780
ggagccccaa	gtccctcagc	tatcacagac	gcatgcatct	tggggagagg	cccttctgtt	840
gcacgctctg	tgacaagacc	tactgtgatg	cttctggact	aagttgtcac	cgccgcgtcc	900
atctgggtta	ccggcccat	tcatgtctctg	tgtgtgggaa	gagcttccgg	gaccagtttg	960
agctcaaacg	ccaccagaag	atacacaaa	accaggagcc	agtggatgga	aaccaggagt	1020
gtactttgag	gattccaggc	acccaggctg	aattccagac	acccttcgcc	agaagccaaa	1080
ggcgacgcg	tggg					1094

<210> 8745  
 <211> 796  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(797)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (352)...(796)  
 <223> similar to gil542885 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8745						
gcagtcactc	gcgcatgatt	taaatatggt	cacccccaaa	aagagctcct	ttcttggcca	60
caccaaccaa	tanccnttt	tttctataa	gggttttten	nnnnnnnnnn	nnnnnnnnnn	120
nnntatgtg	ttgtcgtgtc	ttcttgggtc	gggcccgcag	gctgtgtagc	acatgctccc	180
agcttctgag	gaggatcccc	agtgggggag	aaaatgcttc	tggggcacca	cagagccctt	240
ccttggttggg	gggctgacga	gatcccgcaa	agcctcccac	ttcgatctgc	ctctaattgtc	300
tggcgatggg	gggtgggaca	gcagggccct	gtggcccgcc	cgcgagcaga	caaacctgag	360
gctgaagaga	atgtgagtgg	agaccacaca	ccaccctaag	agtgggggtc	cccacagcac	420
ctaaagtggc	aggacgtgcc	ctcgggtaga	ggcacagtga	ggctgtgcgg	gcaacacagg	480
caacctcctc	cgccagaacc	ggggacgcct	cgcaacctcc	tccaccagca	cgggggacaa	540
cctctccgc	cagaaccggg	gacaactggc	aacctctctc	accagaagcg	gggacaacct	600
cctccaccag	aaccagggac	aagctcctcc	cccagaacca	ggggcgctc	gcaacctcct	660
ccaccagaac	cgaggacgcc	tggcaacctc	ctccaccaga	accgaggacg	cctggcaacc	720
tctccacca	gaaccgggga	tgcctggcaa	cctcctctac	cagaaccgag	gacaacctcc	780
tccaccagaa	ccaggg					796

<210> 8746  
 <211> 2443  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (682)...(5)  
 <223> similar to gi56590 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8746

cccacgcgtc	cgatttaggg	ggtataagta	cagatttctt	acatgcatat	attgcatcgt	60
ggtgaagagg	gggcagttcc	ttttgattgc	tgagtagtat	tccatgggtat	ggatgtacca	120
cagtttgctt	aaccattcac	ccactaaagg	acataagagt	tgttttcagt	tttttgccct	180
aataaagctg	ctgtgaacat	tcatgtacag	gtttttatgt	gaacatacat	tttcattttc	240
tgggataaat	gctcaaaagg	gcaactgttg	ggttgtatgg	taaacacata	tattttttgta	300
agaaactacc	ctactctttt	tccagagtgg	ctctactttt	tacatacagc	cactcataca	360
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actactattt	tttatcttaa	ccattcacat	agatgtgtgt	aatgatacca	catgtggttt	480
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tgttcttttt	actattgagt	tttgagaggt	tttttatata	tcctagataa	aattcctctg	660
ttagatatgt	ggttgcttga	atttttaaca	taacttctac	caaggaaaaa	taagtaaaat	720
ttccaaccct	tgcattggcca	gtcacttact	taattcctgt	ccttcagtgt	tccatctaga	780
gaattaagag	atatgatgta	taaaatagac	atcgagggcc	attaagagag	taaatactta	840
aaaatacatg	ttatgaaagc	aaagccaata	atcactgtag	gagtatgagt	tgcctaaggg	900
ccaaaactaa	tgtaaataag	agaaagtgtg	gatataaatg	accattgttt	ataaacagtt	960
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ggcaagaatt	acatgtatct	tacagtaaag	aaacagaata	ctggaatcgt	tagagaaccc	1140
tgatgtgttg	acctggataa	agtacaaagg	tggaagaggg	aatgagttat	gctgttaaaa	1200
tctcaggcta	ttctgttaat	gttcctgcta	ctatgaaccc	aaactttttt	tttccccctt	1260
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acattgccat	ctgctgttga	gaattggtag	gtactgcttc	tgagaacctg	gctgcagatc	1380
cttagcatag	gcagcaaatg	ttgagaaaag	ctatctgtag	tattacatat	actaagttac	1440
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gcctgectca	gcctcccaaa	gtgctgggat	tacacgcgtg	agccaccaca	cccagcctcc	1800
atcttttaaac	ttttaaatgt	gaaattttcta	tcatgtaccg	ttagcctaac	aagattttct	1860
ttcctatttc	tgactgggtgc	ctttccccctt	tttaggagca	acgaaagcta	ctctcttagt	1920
tatgttcttg	tgatgtgaca	aaatgtcaag	aagataggag	aagagaatat	tttatttcgt	1980
tgatgctttt	gttcccaagt	gtgaccctaa	acttaagctt	tgtaggagtt	gacattcttt	2040
catgtccctt	ccctttactc	atgccgaaac	tatcaactgg	gacattttgt	gcttttggtt	2100
taaaagttaa	ttgatattat	acttttggtt	tatctaaaaa	gtaaatgtat	ttgcctttga	2160
caaaagactg	acacaagagc	aaataagctt	taaaatcggg	tgttatgtgc	tttcctccat	2220
ttttgagcat	attatccaaa	atgggtctgta	taatataaat	gagaatgatg	cagtttaagt	2280
aagccttggt	ataccattgt	catggacccc	tgtcataaag	ccatttcttg	gtttggttgg	2340

```

gaaagaggca tatgggattt atacagattc acttgtaa at gttggattgg ggatttttgt 2400
gtaaattttt tcaaataaag gctagcagaa accaaaaaaa aaa 2443

```

```

<210> 8747
<211> 1397
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (405)...(781)
<223> similar to gi2801413 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8747
gcagtatgtg tgagcatgtg tgtgtgtgta tgtgtgtgtg ggggggtgta aaatgtgttt 60
ttcaaagtac tgagaggttg atgggactgt tggattagct cctctgagaa gaagagaaaa 120
ggttcttggg cctctccctg tttcttcctt agaataattt ggatgggatt tgtgatgcag 180
gaaagcctaa gggaaaaaga atattcattc tgtgtggtga aaattttttg aaaaaaaaaat 240
tgccttcttc aaacaagggt gtcattctga ttttatgag gactgtgtgt ctactatga 300
aggcatctgt tattgaaatg ttccttgttt tgctgggtgac tggagtacat tcaaacaag 360
aaacggcaaa gaagattaaa aggccaagt tcaactgtgcc tcagatcaac tgcgatgtca 420
aagccggaag gatcatcgat cctgagttca ttgtgaaatg tccagcagga tgccaagacc 480
ccaaatacca tgtttatggc actgacgtgt atgcaccta ctccagtgtg tgtggcgctg 540
ccgtacacag tgggtgtgctt gataattcag gagggaaaat acttgttcgg aagggtgctg 600
gacagtctgg ttacaaaggg agttattcca acggtgtcca atcgttatcc ctaccacgat 660
ggagagaate ctttatcgtc ttagaaagggt aaacccaaaa aggggtgtaac ctacccatca 720
gctcttacat actcatcatc gaaaagtcca gctgcccaag cagggtgagac cacaaaagcc 780
tatcagaggc cacctattcc agggacaact gcacagccgg tcaactctgat gcagcttctg 840
gctgtcactg tagctgtggc caccctccac accttgccaa ggccatcccc ttctgctgct 900
tctaccacca gcaccccccag accacaatca gtggggccaca ggagccagga gatggatctc 960
tgggtccactg ccacctacac aagcagccaa aacaggccca gagctgatcc aggtatccaa 1020
aggcaagatc cttcaggagc tgccttccag aaacctgttg gagcggatgt cagcctggga 1080
gagatggact catggaaacc tggatcggtc ctttttagatg aaggacttgt tccaaaagaa 1140
gaattgagca cacagtcttt ggagccagta tccctgggag atccaaactg caaaattgac 1200
ttgtcgtttt taattgatgg gagcaccagc attggcgaac ggcgattccg aatccagaag 1260
cagctcctgg ctgatgttgc ccaagctctt gacattggcc ctgccgttcc actgatgggt 1320
gttgtccagt atggaaaaaa ccaaaactct cagctttata cctcaagaca cgctcgaatt 1380
ctcgggccgg gaattcc 1397

```

```

<210> 8748
<211> 373
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc\_feature  
 <222> (41)...(257)  
 <223> similar to gi4581122 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8748  
 ccgagcttgg gtcattggcg cgccgggccc gctgctggtg atgggctgga gcggtcggg 60  
 gaaatccacc gtgggccc tgctggcatc tgagctggga tggaaattct atgatgctga 120  
 tgattatcac ccggaggaaa atcgaaggaa gatgggaaaa ggcataccgc tcaatgacca 180  
 ggaccggatt ccatggctct gtaacttgca tgacatttta ctaagctgtg actaccagga 240  
 aggctgagg tcatttgtga gtgaacagat ctatgggcaa gtaccctagg tagccccact 300  
 taacagatga tgaactgacg ctcagagaga gatgtagcct cgggacagcg tgtggttcta 360  
 gcctgttcag ccc 373

<210> 8749  
 <211> 1157  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (251)...(6)  
 <223> similar to gi347457 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8749  
 ctggggagga ggggccccgg gagaccgcga aggtgaaggt ggaggccgac cagtaggctg 60  
 cagaccaggg acatgggtta gttaaggcgg aggtacgagg ccgacccggg gagggggacg 120  
 ggggtggggaa acggaggcag gggacagaag aggggagatt gggggagaga tgacagctgc 180  
 agggatgggt gtgagccgct agtgatggag agcagaggga gagggccagg ctccagactc 240  
 ccacacgccc acacagcacc tctgccaggc ctaggagagg acaggtgcag ctcttgacgc 300  
 tctgcgggtg tgcggccaaa ggcaaggccc acgggctgga tgtcacttcc cgcactgtct 360  
 cttggttggc ttgtccttgt gcaagaccca gcctgtcacg acagagcctg ggcacttcag 420  
 aggaggagcc aggatcgaat ggaagggggg aattggggtc caccatagtc ttctgctctg 480  
 gtccctccacg ggtggaccag gatggagtct cctgcctacc tctactgcatt gcactggacc 540  
 tgggatgcct atccaccctc tggcagaaga cactcaccag gttatctgtg aagagactct 600  
 gggatcccat cacctcaaag ccagagggtc cccaagtcac cgctgagagc acttgagcct 660  
 caaggatgta agcctgacca taggatcttg actccaacag cggcaacccc cacccttatt 720  
 gtggtccgct cttaacccat ccactcttct tcggaggcaa ctgagaacac ataaagcaag 780  
 cagctaccta gcatccccct cctaaagctt tagactcaga gccaggggtc cccacaagc 840  
 ctcaaggtag cctcaggttt ctctaatttc ctccactccc agttcgaagc aaacagctta 900  
 ctgcctagtc cccgccaatc ccaagggcgg gctggctgat ggcagcatgg tgggctggcc 960  
 tgggtgtgga gtgaaagagt cactgtgggt ggggagagag gaggacttgg gagctggagg 1020  
 tgtgacacct tcagttctgt tcctattaaa ggaccttctg aagggttct ctgtcggctc 1080  
 tgtattcgga ttgtccgctt tggggagatg ggggaggagg ggcctcacca tgggtttgccc 1140  
 accagcagtc agttgca 1157



<210> 8750  
 <211> 1014  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1003)...(1014)  
 <223> similar to gi19929 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8750
ctcgtccaaa acacttggtc cctgctgaaa ctccaacaat ttgcagatac ttctgggaac      60
cccaggcgtc agtctcctca tctgtaaagg agagagaacc gatgacgtat caggcataat      120
ccttgatgag agtttgctgc gtgectactc agtgccaggc gctgggggac acagccgtgt      180
tcaggacagc cttggtcctg ttctccggga gccgacattc caggggggaga gaagtttcct      240
gaagacttcc atgctgcgtt ccctctgctc ctgctcctgg cgccatccta ggagccagcc      300
atgcacgcaa gcgtcatgcc tccagggtc tgactgcca gccccctcacc gcaactccac      360
ctcagctgca cacacccttg gcacatcctg aacctcattt tcatgacgga cacacaattt      420
ttgctctctc ctgtccaagc ctcacccctt ggccgccacc tccttcacgc tcaacttcctt      480
tagtgccggc agtaccgccc ctgcctaggc atgtcgacct gcagggaccc ttttctggct      540
cttcgaggcc tctgcccacc atcccctctt tgttctccat agtcccttcc cctgttctc      600
tctcgtttca tcttaactgt ctggcaaagt ccccggcctt gggcgagccc agacctcctc      660
agtgcctgca cacagctgcc cacagccaga gaaatccatt taagcagact gcctgcatcc      720
ttcttaacag tgcaaggcag gcaactccctg ccacaagaga ccctgttccc tagtagggca      780
gcttttctcc tcccagaac ctctgtcta tcccaccca atgtctctc acaggcatat      840
tggggaaaca ggtcaggctc tcccaccgta tctgcaagtg tactggcatc catctgtctt      900
cttcctaccc ctacagtaga aacagtgtct gtccccagct gtgctctgat cccggctcct      960
ttcacctcag agcttggaat attgagctgt cccactctc tcctgcgccc attt      1014

```

<210> 8751  
 <211> 1475  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (775)...(1399)  
 <223> similar to gi5420389 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8751
ttttttttgc agtctttatt gttttatttt gtttttaaaa gatgggggac ttgctatgct      60

```

gcccaggetg	gtetcaaact	cgggtctca	agcgatcctc	ccacctgggc	ctcccaaagg	120
tttgggtga	caggcgtgag	cccccggtcc	cagcctcctt	gcagtcacaga	cagctgactc	180
aggetggga	ggaaccagg	caggcaccct	gagaggtggt	ctcagtgagg	tacgtggtcc	240
accagcctgt	gtcggagaat	cagactcctt	aagttcacgg	tcttcccaga	cgtctggttt	300
tgctgtctcc	atgaatgata	catcaagaca	ctgaggccca	gagggtggag	aggatgtgtc	360
cacagtggca	gaggagcag	ggctcagtgg	cattggagca	agccttctgg	cacccactca	420
gggcctggct	cccagagcac	cgggtctcag	tactggggc	ttaggccggc	ccagacgggc	480
ttgcagctcc	tgcacatgc	cagggtgcgc	gaggccaaac	ccgtgtccca	ggggccttct	540
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ctcctcctgg	cccctgacat	gttccaggct	ttctggctca	gtctccttgg	cctctgcct	960
ccggcccccg	gtcaccatga	gacctctgc	atcaaggagc	cttgggtgct	ctccctcagg	1020
gtggtagtcc	ccacaccgcc	cctcactgtc	ttcctctgt	tctctctct	gccatccaac	1080
agcctcttct	tccaacagcg	tccacttttc	tagaagcccc	ccagcctcca	ccatggctcc	1140
catccctctc	gcctcgctg	tctgggagcc	cgcgggatcc	agcccacagc	tgtcctctgc	1200
gcttcagat	tctcggcct	ctaccgcgcc	tccccagggt	cctccctacc	tggactcaaa	1260
agcctctact	tggtcgctc	tgccagtca	ctcttctct	gctgaaccct	ccagaccaa	1320
ttcttgccca	cctgcatgct	ctcctgtgc	tgcctcttct	ttttcttctg	agtcccaacc	1380
ttgcccagc	gcccctttta	aaaagttaat	tgaacaactg	tggcctactc	tgtgtcagtc	1440
cccgcagctt	agaatcaaac	cgatagcctg	aacct			1475

<210> 8752

<211> 2855

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2485)...(2855)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8752

gctctgtgct	caacgtgggt	agcagcaca	gaattgtgtg	aaccggggag	gcggaggttg	60
cagttagttg	agggtgggcc	actccattcc	agcctgggag	acagagtctt	gctctgtctc	120
caaaacaaac	aaacaaacaa	aaaaaccctg	tagcttggga	tcagccttct	cttctattgt	180
ttttctttta	aaaataaaaa	ttaaaaatag	atgtagatgc	tatgttgctg	aggctggcct	240
caaactcctg	gcctcagggt	atcctccgc	catgacctcc	aaaaccacag	ggattgtagg	300
tgtgagcact	gcaccagcc	ttatgttttt	ttctacataa	aaaacagcac	aggattatct	360
tccagagcta	ataaatatgt	tcaaataacc	acaaccccat	taaggaaaaa	tatcactggg	420
cagcaataa	tcaatccaga	ccaatatgat	cacaattgct	gtgaagggtga	gaaaagttca	480
tttttattat	gtttcccaa	gagacgcact	ctattgttct	cttgaaaaca	cacagctcat	540
gtcctccttt	agaacacaca	tcctctttta	agtaacatac	aaacatgcc	aaacaaggta	600
aaaaattaca	tctgaattct	cacatttcaa	acatatatga	aatatcaaat	aaaaatttat	660
ttttacaaga	atttagggga	actactacat	agctataaat	gtaatatata	tgtaactaa	720
gtatcataga	taaaaccat	gtcccttca	gcagcacgtg	taataataga	tacaaagatt	780

gaaaggtaaa	agatttagga	tgaaaagaat	cctctcttaa	aaaggaaaac	aaaattatat	840
gtagtgtgta	tatcaacagt	tataatatcc	atcacacagc	tttatagaaa	cagcatctat	900
tcaaaaatac	cagtatttcc	aaaatattta	aaataatatt	taaagtaata	ataatattta	960
aataaataaa	tatatatta	aaatatttca	ataaataaaa	taatatttaa	ataattctat	1020
acccatgttt	ttcaaaataa	accaataaat	tagatagtat	gtattagacg	tgtagtata	1080
tatatctgag	acatgttaaa	aatcacaaact	gaattctcac	aattcagtc	caaacctaaa	1140
cagcaaataa	aaatttctat	caccagaatt	atgttttttt	ctgggtgggga	actaccaata	1200
gctataaata	gaagagatta	ttatggaagt	atcatagata	aaaagagtgc	tcgcttcagg	1260
agcacatgta	ataatacaga	aacaaattta	aagataataa	aatatttagg	ataaaaagaa	1320
ttgtctctta	aaaatgaaaa	gaaaattatc	tttatgtata	tataacaact	ataactctca	1380
tcaaaaaact	acaggaacag	catgttttca	aaagtacaac	aatttccaaa	ctatttgaaa	1440
taaatctatg	aataattcaa	tggccgacat	tttccatata	aaccaataaa	atgcagagtg	1500
tgcatgaagc	tatctgttac	aatctgtggc	actgatattt	cacaaaagaa	ttctgtccca	1560
atctgagccc	ctgcattgtg	ccttcaaate	ctcctggact	gcaagtcctg	aagaaacagg	1620
acctccaggt	tccgccccag	ggaggttggg	attcagcaat	ataaaaaggg	tggtgggtgcc	1680
gcaggaaaag	gtggaactgg	aaacgctcct	ggtttcttac	ttttctccaa	ggactcctag	1740
aaggacccca	ccccctccc	cccaccctg	ctcctaggag	gacaacgtga	tcactgtatt	1800
cagctccatc	aagaatggtc	caggttcttc	tagatgatct	gcacaaatgg	ttcctctcct	1860
cctgcctggg	gtctgccatt	agcattggaa	taaagtctct	gctgaaaatc	cacatctccc	1920
ctgggtccgg	tgttctggaa	gcgagagaga	caatgtcaca	cttcaaggag	gcagctctct	1980
agacaggaaa	gttattcacg	tcccatgtca	attgagaaat	gcaattttat	ctgctgcctt	2040
tcattctata	ccctgcttct	gaaccatcgt	gttcaactgt	gaaactcaca	ctttggtgac	2100
cacgactcca	aaactcactt	aatacaccca	aggtcagccc	cagtgatctg	cttcatagca	2160
aggactttgg	gtgggtctgc	ccagggagta	gggcaccctc	agagaatgtg	gctttggact	2220
ttatcacagc	tggggccttt	tgtgtcactt	aagatctaaa	cttgtaacca	tgctagatgt	2280
gttttcta	gtgacaacat	cacgaaccac	gagtccagaa	gcctaactct	taatcctacc	2340
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tccccaaact	cagtttttat	gattattttt	gaggcagggt	ctcactctgt	cgcccagact	2520
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tcccgcctca	gcctcctgag	tagttgggag	tagagatgcg	tcccacatcg	cctggcta	2640
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caattggggt	ccttggtatt	cggaaataga	ccccaatatt	ctgcctttac	cccggagggt	2760
gcagtgaagc	aagattgggc	ccctccattc	cagcctgaga	gacacagcaa	cactcttgtc	2820
ttgataaata	aataaataaa	taaataactg	tcaaa			2855

<210> 8753

<211> 1232

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (200)...(1232)

<223> similar to gi3876562 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8753

ggtcacgagg	cttcgtagtg	gaggaacggg	tttggcgtgt	gggacgcagc	tgctctgta	60
ctggggagtc	acggagtggc	cgggctccag	ggacatggcg	gcggcctctg	cggtgtcgg	120

gctgctggtg	gcggcggaga	ggaaccggtg	gcatcgtctc	ccgagcctgc	tcctgccgcc	180
gaggacatgg	gtgtggaggc	aaagaaccat	gaagtacaca	acagccacag	gaagaaacat	240
taccaaggtc	ctcattgcaa	acagaggaga	aattgcctgc	agggatgatgc	gcacagccaa	300
aaaactgggt	gtacagactg	tggcggttta	tagtgaggct	gacagaaatt	ccatgcatgt	360
atgatatggc	agatgaagca	tattccatcg	gcccccgctt	cctcccagca	gagctaccta	420
tttatggaga	aaatcattca	agtggccaag	acctctgctg	cgcaggctat	ccatccagga	480
tgcggttttc	tctcagaaaa	catggaatth	gctgaactth	gtaagcaaga	aggaattatt	540
tttataggcc	ctctccatc	tgcaattaga	gacatgggta	taaagagcac	atccaaatcc	600
ataatggctg	ctgctggagt	acctgttggt	gaggggttat	atggtgagga	ccaatcagac	660
cagtgcctga	aggaacacgc	caggagaatt	ggctatcctg	tcatgattaa	agccgtccgg	720
ggtggaggag	gaaaaggaat	gaggattggt	agatcagaac	aagaatttca	agaacagtta	780
gagtcagcac	ggagagaagc	taagaagtct	ttcaatgatg	atgctatgct	gatcgagaag	840
ttttagtaga	caccgaggca	tgtagaagtc	caggtgtttg	gtgatcacca	tggcaatgct	900
gtgtacttgt	ttgaaagaga	ctgtagtgtg	cagagggcag	atcagaagat	cattgaggag	960
gccccagcgc	ctggtattaa	atctgaagta	agaaaaaagc	tgggagaagc	tgcagtcaga	1020
gctgctaaag	ctgtaaatta	tgttgagaca	gggactgtgg	agtttattat	ggactcaaaa	1080
cataatttct	gtttcatgga	gatgaataca	aggctgcaag	tggaaacatcc	tgttactgaa	1140
tatctcgtat	accagaaaca	tgactcttaa	agatggctgt	gtgggcagca	gatcgccagg	1200
cggcattgac	aaaactgagg	tacagccttc	gt			1232

<210> 8754

<211> 1898

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1512)...(1843)

<223> similar to gi4481741 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8754

agcaaaatgt	ggtgaatatt	actgatgagg	taatgggaga	aagctaaagt	aacagtctga	60
atagttttgt	gcatcctgag	ttttcttaac	taaggcttta	tttttaatta	aaaacaaaaat	120
ttacattttc	aaaaacggtt	tgcctcaaaa	aaaatagctt	ctaaactata	ttaaattgga	180
ccaaataagg	atttttaatta	ttataaaaca	aagctcagta	cttcagggaa	ataccacctc	240
cacaaacggt	gagccaattc	aggggctgcc	agtagaatcc	taaagagtga	tgtctccggt	300
tcattgtgaac	accatctgca	gtccacaccc	cttgaggaca	attcaggcca	taaggcagac	360
catgctcagc	agagctgccc	cttcaccacc	ccagtcacca	cccttagcct	gattgggcag	420
gcatggtgct	atagccagga	aggctgcctc	cctcaggctt	cccaaaaacca	atcaagggca	480
tacgcggctc	agccacactt	ttgcactcat	attcccgtat	gcttccgctt	aaatgtactc	540
atgaaaaaatt	ttaagatggg	ttgctgtcac	tcatccccgt	acccagacgg	gttacacaga	600
tctggcagtg	gacacaccct	ccaacacagc	atgaaaagag	cataggaaaa	cccagggtcca	660
gctaagccct	acctcaaagt	aattttggct	ttggttcctc	ctctgaaagc	aggtggatac	720
aaactgtttg	gctataaaat	tgtgaatcta	tggaaactga	gaataattaa	agcttccaac	780
actaaaccac	aaaggcaagt	agtgtctgtc	cacactgatg	gggcaccacc	tgcaccaagc	840
cccagactcc	agtgcgctgg	gggcatcaga	catctgtcat	agtcacaagg	agcaagaagt	900
tctaggttcc	ctcaccactc	cctcctacgc	tcctccagtc	ttcaaaaatg	ccttgaaata	960
accacttttg	ggacccaatt	cttaatctgt	tgcaaaacaa	tctgcttaaa	atagccttaa	1020
ttaagatgta	agtccaaacc	attgctcttc	ccttcataaa	aaggagaagg	taagattacc	1080

agaggttg	atgactatgc	cagtaacaga	tctatcccag	aattatacca	cttaaagcag	1140
actgtagaa	gccccctcag	tgcaagtggg	agcacgtcag	tctcataatc	tcaaggtcct	1200
gagttaaagc	agactgtata	ggaagatcta	tagaaacccg	ttactactaa	aggggaaaaa	1260
aaaatactgt	acttaaaaaa	attagaagcc	agtttaccat	tagagagagt	tttgatttga	1320
gatataaaga	acatatccct	ctccaaaact	gagtttcctc	tgatacaaaa	gtatttgcct	1380
tctggagaag	atatggtttg	caccgtccaa	cagggtgtgct	ctgaaggccc	ccactgaaat	1440
atattgcatc	atagatgagg	ggaaagactt	ggtaatttcc	tcttatcaaa	agctagtctt	1500
caggacatcc	tgtccaactt	ggctcccagg	ggccaagg	ttcttctcag	agattgttct	1560
tagagacccc	caaacctgca	gccaagccc	aggagccacc	tgtgcatctt	cgccacgtcg	1620
ccaggctgtc	aggagcatgc	gtctctcata	gactggtctc	ctcacacact	ctgacgggga	1680
tggtatagtg	ccgatcgctc	tcagcaatga	gcgttaccac	tggccagtcc	ttgggtgggt	1740
cggtggggta	gactgtgatg	aattcttccg	tggtgtactt	ggagagccgg	tacacctgga	1800
tggtgtggcg	cacagcatag	gcaagaagga	acatttcaac	cagcatgagc	tccgggtcct	1860
gcagccaggg	cggcagcccc	acagcctggc	tcattggcc			1898

<210> 8755

<211> 1918

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (311)...(1819)

<223> similar to gi5305335 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8755

tttcgtctgc	ccaaggcctc	catggctgag	cctggaggct	cttggaaacag	gtccgcgcgc	60
caagctggca	gacatgggtg	ctctctggag	ccgtcagaga	gggcagagag	ctcgtggttt	120
atggtgtaaa	ggctgggagc	ttggaggggg	tcgtgtgtgg	ggctggactc	tgaggcggcc	180
agaggcctag	gaacgttatc	ctgggcacac	cgtgcgtggt	gtgcagtctg	agtcagtctc	240
cctgggtagg	gcatccagct	cccagcctgg	gagtgtctgag	agccaaatcc	accgtagagc	300
aggggtgaga	gtcagggtcc	cacctctctc	atctgccggc	aatccagtgg	tgacctaggg	360
taaaagcttg	agagtcccat	acacacggtc	atcccacgac	atacctcaca	ggccaggcag	420
ggacacacag	cccccttccc	tccctcccag	gtaccgtcat	agctgctagt	gtgactgaag	480
gcagtgtccc	tggccccagc	tgaagcaccg	tagccagcca	gcgggctcac	gcaccttggc	540
ctgttgctcc	taggggtcact	tgtgccattc	agccaagggg	acgaccgtgc	ctgctggccc	600
agctgagctc	cgcccagtga	gccccacccc	cattctcctg	ccactgactc	tcgtcttctc	660
gcttttccca	gcaggaaggg	cccagcctca	cctacgagac	ctgcagcccc	ccgaccagct	720
gaggctcccc	tcttagactt	ataagtctat	ggccactggc	atccggctgc	ctgccctccc	780
tgcttcccc	agggtccctt	cagaggggtc	tgggctttct	gaacaccag	aggggcctcc	840
ggcgtccct	ccagccatcc	cttttagttt	cacctcctg	gttcaagcag	tgttctttct	900
ctatcaggcc	tggtggctgt	tgcattgggg	tccccaaagg	aaggggtggc	cccaggccag	960
tgggttgaa	gacagggtga	ccagagaaga	gggaagcccg	agggggccga	gcatcagcct	1020
gaattgcggg	tgcctgcct	gggtgccgtg	tgagaggcca	gcgtgtgtgg	gggtgggaagg	1080
gccgccacag	ccccagggcg	ctatctgtga	agctacgggt	cctccctcca	tcttctctcc	1140
ctttcccttc	cagccccctt	tccaggaacc	ttgccacacc	cacacctgca	gcctcccttc	1200
cccgcccttc	ccaccactgc	tcgggcgcgg	ccggccccgg	ccgtgtgtctg	cgcttgccct	1260
accagctctc	tcctcgcttt	tctctcccgt	tttctctctg	ctttctctcc	aactgccagc	1320
cgatcgggtc	aggcaagtcc	atcccgtcct	gagagcccca	ggccccctt	cgacctctaa	1380

acagatccct	cctcttctcg	gagacctccc	tttccaagcc	tgcctggacg	gctgttctgt	1440
gacttgacag	tggctcccc	agccccaaag	ccagccccct	tcatctgtga	cttaatctgt	1500
tgtagtgggtg	agctgataca	ttcaggtgtg	accgttgggtg	aaaacttgtg	ccccttctgt	1560
ggtatgccct	tgccctgttc	tataaatatc	tataaatact	catatatata	cacacctaca	1620
catggccaac	cgctcgct	ctagcgctgg	gaatcagtca	ctgtgctatc	cttgtggagt	1680
cttgtggccc	aactaccaga	gaacgctgtc	ccccgacatc	ccactccaaa	gtgtgccacc	1740
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ccccctacca	agcatggggg	tgctgtgcag	gcagccgtgt	ggcctgacag	tttctaccag	1860
tcctgctgtc	cctcggtgta	gaataaaacc	catttctgga	tgatggggaa	aaaaaaaa	1918

<210> 8756

<211> 1906

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1281)...(49)

<223> similar to gi2317934 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8756

ccacgctgtt	acaaaggga	catcatgggc	tgtggaatca	tgttcccccg	ggactacatt	60
ttggacagt	agggggacag	tgatgacagt	tgtgacacag	tgatcctgtc	tccgactgcc	120
cgggcegtcc	ggaacgtgcg	gaatgtcatg	tacctgcacc	aggaagggga	agaggaagag	180
gaggaagagg	aagaggaaga	ggatggggaa	gagatagagc	cggagcatga	gggcaggaag	240
gtggtggttt	tcttctactcg	gaatggcaag	atcattggga	agaaggatgc	tgttggttct	300
tctggaggct	tcttccccac	cattggaatg	ctgagctgcg	gggagaaagt	caaagtagat	360
ctgcacccct	tgagtggcta	gggcctcccc	tccagacctg	ctccttctcc	ctgctcacc	420
tctgctgggc	caggcaccca	gttcctgact	tcccagaggc	ttcgtttacc	cagcaggccc	480
ctggaggtgt	gtagtcactc	tgccccact	ggctcaggcc	cctgtcacgc	ttctctgtgc	540
ccacgtttct	gacctggtgc	tgccactgtt	gtcagtcctt	gggcctgagt	ccctggttgg	600
acaggaatgg	acccaaagaa	tgggtgttgt	atgtgggtgg	tccactcgc	tttggtcagt	660
gggcttcttg	gtcccccttt	ccctcacccg	ccctgtgtgg	gtggagaggg	gtgagcaccc	720
tatctcagct	gctattcggg	catgatgctt	tgtagagggt	agagtagaca	gccccctccc	780
ctactcacca	tggattttct	ccttgaattc	ctctttcttg	ttttctttcc	tgggtgtgtg	840
aaccagttgc	tgtgtcata	ccccggcag	ggccagggga	cctctctttg	gtcatctctg	900
tcctttcact	ggctgctgcc	ccaggaagac	tcctctaggc	tctccatctt	tcccttgaga	960
gctggctccc	caccccaacc	tgctcaggca	ccacagagga	tctaggtctc	tggctcccca	1020
tacctggacc	cacatgggtg	ggtgcctgtt	gcatgtttaa	gagagagggg	ctgtgaggtg	1080
acagggcact	agggccttca	ctcctttctc	cccttccatc	ctttctttac	cagtgccacc	1140
catgtcccta	gctcccgggt	attggggctg	aggctctggg	gcctgtctcc	ctgccagcgt	1200
gagggcaaga	ccccagagcc	ttagctgagc	aagcccagag	gggcagcgtg	gccccctcct	1260
ccccttttcc	tgccccgtcc	catgcctcag	cttgcctgct	gtgccagttg	cctgtttcgc	1320
ttcagtgttt	gattctagca	cttacatgtg	tcctccccac	caagccctct	atctccttct	1380
aatccttcaa	cccctggccc	cctccccgta	acagtgaact	ttccagggag	gaagaggcag	1440
caggagctgt	tggccttggt	ttgcacagag	cgggtagggc	tgtagggaaa	gcgggtgagc	1500
tgttgctgtg	ctgggcctcc	ctttggccct	cgcttcccac	cctacgatgt	atgaaatgta	1560
tgtacagacc	agagatgttt	atacagccga	taaagatgga	gtttccgtat	ttatcagtat	1620
ggccggaacc	aggagccttt	ctagtcacct	gggctaggaa	caggactgct	ggatgggggc	1680

```

agccgaaggc agcttgctca tggggagatg tggaccaatg ttgggccagg gatgggaatc 1740
atatgttcca tgggcctggc tacaggcctg agcacagata cgtcccctgg gagatgaggc 1800
tttgaccttc ctgtgaataa gtgttgactc caatttcggc taaagtttat agaaattctt 1860
tattattaga caaaaataga ctctcttttt tcccctaaaa aaaaaa 1906

```

```

<210> 8757
<211> 413
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (126)...(411)
<223> similar to gi213273 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8757
cccatcaaaa atcagtatatt ggctaattgt taacttcaaa atccagtaat acagtcactt 60
gctgccacca gccccacac cgtgtcttcc catggctcca ccgccctgct ctccacagg 120
ttgcaatgga aatagagatc gccgcgtca tcattgacaa tggctctggc atgtgcaaag 180
ctggctttgc tggggatgga tggcccctga gctgtgttcc cctccatcat caggtgaccc 240
cggcaccagg gtgtgatggt gggcatgggc cagaaggact cctacatggg ccatgaggcc 300
cagagcaagc acgacatcct gaccctgaag taccctatca agcatggcat catcaccatc 360
tgggatgaca tggagaagat ctggcaccac accttctaca acgagctgtg ccc 413

```

```

<210> 8758
<211> 1981
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1982)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1160)...(1866)
<223> similar to gi3184290 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8758
tttttttttt gctagtgaact gatacattta ttagtttcta acaaaaaggc atacatggta 60

```

```

ggcagagtag aaataactaac agaaattagt ttatcttgaa accaatttta gtcaggaaga 120
cttcttcaca gagaatgagc tgaatatata aatcccaaat atatcacacc atatatgtga 180
tataatttaca cctaaatata tcacaccctc ctttttgggc acagactatt cccaggaggg 240
ttaaataggg taacggttta atttgagggc attcaaggaa tgtccaccct aaaactgaaa 300
gtgaaattgc tcttagggga aaaattgggg ttgatgaggg aggnnttgatc ttagcctgtc 360
tcagacaaat ttggttttatt tatttttact taacgaccca tgtgatagta tagttgcaag 420
ctatacttca ttttaactaca atcattactc agggggacaa tcaccttaag aggcaaatta 480
agttttaaaa ttagccacag aatttaataa ttacccaat ccagcattgg acatagatgc 540
ccatcaggtg tgcaaagatt aacaaaattc ctattaccca accttagagg aaaaaaactt 600
aatgacatac agaaatactg gcaaatttaa gctagaatta gctccaggac attttatctt 660
attttcacat taaaagaata gattactaga tatcagcaga aatgctgtta aagctatttt 720
ttactaatag ttgttcatat taatgaaaca aaagatcaat agtctctgag ctaaatttca 780
caaaatgaaa tcagtgtctt ctgatttaac tttcaggagt aagaaagggc aaaacccaag 840
caccatactt tctattttctg ttcataaact caaataaaaag cagtatcaac acaaatgatc 900
atataagaaa acacgtggtt atgtttcagg ttccacaaca taagacactg tgaggtaact 960
ctcctgtaat acattcccat ttttttctgg aatagcagat gcatagaaat gcaggtttcc 1020
aaaaattcac ccaatttagt aactaathtt gattctgatg cctgatagta ggggtgtgaa 1080
agctgtaaaa cccaaatggt tctgtgttct tttcacaagg acaagggaag aggatgctct 1140
gcccactgc ccctgctgctg tcatagtggg ccagtttcaa tgatccagac tgtcagtcac 1200
cccatccagc ctcatcctca tctggaccca tttctcacca cccaatcagt ttcaatgatc 1260
cagactgtca gtcaccccat ccagcctcat cctcatctgg acccatttct caccacccaa 1320
tcagtttcaa tgatccagac tgtcagtcac cccatccagc cacatcctca tctggaccag 1380
tttctgacca cccaatcagt ttcaatgatc cagactgtca gtcaccccat ccagccacat 1440
cctcatctgg accagtttct gaccacccaa tcagtttcaa tgatccaaac tgtcagtcac 1500
cccacccagc ctcatctgga ccagtttctg acgacccaat cagtttcaat gatccagact 1560
gtcagtcacc ccatccagcc tcacctcat ctggaccgct ttctgaccaa ccaccaatc 1620
agtttcaatg atccagactg tcagtcaccc catccagcct cagcctcatc ctcatctgga 1680
cccgtttctg acgacttaat cagtttcaat gatccagact gtcagtcacc ccatccagcc 1740
tcatctggac cagtttccga cgacccaatc tgtttcaagg atatggacgg tcagtcaccc 1800
catccagcct catccagct cttaactcct tctgcatagt tcagtttctt ttctggcaag 1860
taattcccaa tttcctagaa aaccctgatt ttgtgattta acactgattc gaatccactt 1920
taaaccaaag gaaacaggcc gggcggtggtg gctcacgcct ataatcccag cagctggga 1981
g

```

```

<210> 8759
<211> 2029
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1930)...(1928)
<223> similar to gi2388676 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8759
gcggccgctt ggagctctcg gctcggcct tcgacgacgg caacttctcg ctgctcatcc 60
gcgcggtgga ggagacggac gcggggctgt acacctgcaa cctgcaccat cactactgcc 120
acctctacga gagcctggcc gtccgctgg aggtcaccga cggccgtgag tgcttcccc 180
ccgcccccca gctcccgccc ctcgaccctc gaccgcccgc cgggcccgcg cgccgctgac 240

```



cgcgccccct	ccgcagcccc	ggccaccccc	gactactggg	acggcgagaa	ggaggtgctg	300
gcggtggcgc	gcggcgcacc	cgcgcttctg	acctgcgtga	accgcgggca	cgtgtggacc	360
gaccggcacg	tggaggaggc	tcaacagggtg	gtgcactggg	accggcagcc	gcccggggtc	420
ccgcacgacc	gcgcggaccg	cctgctggac	ctctacgcgt	cgggcgagcg	ccgcgcctac	480
gggccccctt	ttctgcgcga	ccgcgtggct	gtgggcgcgg	atgcctttga	gcgcggtgac	540
ttctcactgc	gtatcgagcc	gctggaggtc	gccgacgagg	gcacctactc	ctgccacctg	600
caccaccatt	actgtggcct	gcacgaacgc	cgcgtcttcc	acctgacggt	cgccgaaccc	660
cacgcggagc	cgcgcgcgcg	gggctctccg	ggcaacggct	ccagccacag	cggcgccccca	720
ggcccagacc	ccacactggc	gcgcggccac	aacgtcatca	atgtcatcgt	ccccgagagc	780
cgagcccact	tcttccagca	gctgggctac	gtgctggcca	cgctgctgct	cttcatcctg	840
ctactggtca	ctgtcctcct	ggccgccccg	aggcgccgcg	gaggctacga	atactcggac	900
cagaagtccg	gaaagtcaaa	ggggaaggat	gttaacttgg	cggagtccgc	tgtggctgca	960
ggggaccaga	tgctttacag	gagtgaggac	atccagctag	attacaaaaa	caacatcctg	1020
aaggagaggg	cggagctggc	ccacagcccc	ctgcctgcca	agtacatcga	cctagacaaa	1080
gggttccgga	aggagaactg	caaataggga	ggccctgggc	tcctggctgg	gccagcagct	1140
gcacctctcc	tgtctgtgct	cctcggggca	tctcctgatg	ctccggggct	cacccccctt	1200
ccagcggtcg	gtcccgcctt	cctggaattt	ggcctgggcg	tatgcagagg	ccgcctccac	1260
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cctggcagcc	ccaaaactgg	ggtcagcctc	agggcaggag	tccactcct	ccagggtcct	1500
gctcgtccgg	ggctgggaga	tgcttctgga	ggaggacact	cccatcagaa	cttggcagcc	1560
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agagctcccc	cacctgtacc	accatgtggg	actccaggca	ccatctgttc	tccccaggga	1680
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tactgggct	ccctgtgact	tctgacctg	acacccctcc	cttggactct	gcctgggctg	1860
gagtctaggg	ctggggctac	atttggcttc	tgtactggct	gaggacaggg	gaggagtgga	1920
agttggtttg	gggtggcctg	tgttgccact	ctcagcacc	cacatttgca	tctgctggtg	1980
gacctgccac	catcacaata	aagtcgccat	ctgattttta	aaaaaaaaa		2029

<210> 8760

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (281)...(471)

<223> similar to gi4877793 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8760

ctagcatttt	gggaggctga	ggttggagga	tcaactgagc	ccacggtgta	tcatattttg	60
taataatctg	gcgtatccca	ggggataccg	tctcagaatc	tgcaggtttg	accttatctc	120
tttagctacc	attagcatag	tatgagggca	tttaccatgt	cctctagcca	gcctcctgat	180
ggcagtaggt	ctttcctggt	ttggaggatc	cgtgcctcat	ccatagtcag	ggaatagccc	240
tgtcacctgc	aaaggtctgg	ttgacactga	aactctaata	ataggctcct	aacagtaacc	300
ttcttttctc	ccacagtgtg	atccagtgat	gattgatgcc	atcaaagttt	ctgctgctca	360
cagggccccg	tacttttggg	gcaacctacc	cgggatgaac	aggatctttg	gctttcctgt	420

gcactacaca gacgtgtcca acatgggccc tggtgcccgc cagaagctgc

470

<210> 8761  
<211> 506  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (195)...(504)  
<223> similar to gi2981631 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8761	
gacaataaaa tctccgtggc acccgctaag aaaataacta aaaccatcca caaaagaaa	60
tgccaaagaa attaaaatcg ttccactaga aaatatgtaa tacaaaagaa agaaggtagt	120
aatggaagaa tttaagaaca agagacacaa aataaaggaa acaaatggca aaatatcaga	180
agtaatcttc ctcacataa attacattaa atgtcaatgg tttaaactcc ccaaataaaa	240
agcaaagatt ggcagatcca attgctatct acagagattc cccttagact caagaccca	300
aatagaaagt aaaagaagaa aatattccat gcaaacagta aacaaaagaa agctgaagtg	360
gctatactaa tatagacaaa tagacttaag ataaaaattg ttcttatagg gcactgtata	420
atgataaaag aatcaatcta tcaagaagat ataataatca taaacttact tgtacctaac	480
aatagaattt caaaatatat aaagcg	506

<210> 8762  
<211> 836  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(837)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (610)...(803)  
<223> similar to gi3868940 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8762	
tggaacnnnn nnattaatag ctcgctatag gcngccantt agggataaat tacttgatcg	60
tggccagtta gtagagctga gattcaaacc ctggcttttt ttaatctaga gcttgtgctc	120

taaactacta	taggggattc	attcagttcc	ttagaaggag	aaagatccta	gagcggcact	180
gttcagtatg	gtagccacta	gccacatgtg	gctgttgagc	acttgaaatg	tggctagtct	240
aaactgagat	gtgctaaaagt	taaaatacac	accgattttg	aagatgtaat	gtgaaatata	300
tgtatatata	aagtatctca	ttaatactgt	ttagtattgg	ttacattttg	aaatgataat	360
gttttcggta	aataatatgt	taaaattaat	ttcaccctta	aaaacatttt	taatattact	420
agattttctat	tagacagcac	tatacaagag	gaaatcactg	gacttgaagc	tttaaatgtt	480
tagcacacat	ctagcaaacg	tctgtagcct	tctgtacacc	aggcatatgg	tactgggtga	540
gagtcttggg	gaataaaaaca	gaatcagaca	ttgcccatga	ggagcccaca	gactagccag	600
acggggtggg	tgtctgtgtt	tttggtttgg	ttgaagttga	gttgaccact	ttatccgctg	660
ttgatttttg	ctttggctag	gtgtctgcct	gtatcccagt	gttcaggctg	gctagacggc	720
ggaagaagat	cctatttttac	tgtcacttcc	cagatctgct	tctcaccaag	agagattcct	780
ttcttaaacg	actatacagg	gtattgcagc	tcattggtga	gctctctcct	cgtgcc	836

<210> 8763

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (315)...(1403)

<223> similar to gi498152 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8763						
gtgggccttt	gacccctcgg	atgattacgt	tcgcccgggc	cgaccacgc	gtgcgccccg	60
tcgcgggagc	cgttcggggc	cttctgggca	tgtctgccat	atggctccag	gtttgttttt	120
ctccccggca	ctctgacggg	gagggtctcc	ggcatctcct	ggcgctccgg	tagaggacgc	180
ggaggatgct	gagctgctgg	cgcactgcag	cacaactaga	gatgtacgga	tgcccccatc	240
ttgatcttac	agaatcagag	gtacagccgc	gagaaaggtc	tagtcaagaa	cagacagagt	300
cgcttgagga	ctcaggaggg	tgtttgctgc	gttgacaaca	gactacaccc	tcacagtttg	360
ctctgctctt	ccaacaccag	tgggaagatga	tcacatccca	gggatcagtg	tcgtttaggg	420
atgtgactgt	gggcttcact	caagaggagt	ggcagcatct	ggaccctgct	cagaggaccc	480
tgtagaggga	tgtgatgctg	gagaactaca	gccaccttgt	ctcagtaggg	tattgcatca	540
ttcacagggt	attgcattcc	taaaccagaa	gtgatcctca	aattggagac	aggcaaggag	600
ccatggatat	tagaggaaaa	atttcgaagc	cagagtcatc	tgggtgagtt	agtgccagat	660
ggaattttaa	gaattaatta	ataccagtag	aaactattca	agaatgaagt	tcaatgagtt	720
taacaaagg	ggaaaatgtt	tctgtgatga	aagcatgaaa	taattcattt	tgaagaggaa	780
ccttctgaat	ataataacaa	tgggaacagc	ttctggctga	atgaagacct	catttggcat	840
cagaagatta	aaaattggga	gcaacctttt	gaataacaatg	aatgtgggaa	agctttccct	900
gagaattcac	tcttccttgt	acataagaga	gcttacacag	gacagaaaac	atgcaaatat	960
actgaacatg	ggaaaacctg	ttatatgtca	ttttttatta	ctcatcagca	aacacatcca	1020
agagagaacc	actatgaatg	taatgaatgt	ggagaaagta	tctttgagga	atccattctc	1080
tttgaacatc	agaatgttta	cccattcagc	cagaatttaa	atccactct	aattcagaga	1140
accactcaa	ttagcaatat	tattgaatat	aatgaatgtg	gaaccttttt	cagtgaaaaa	1200
ttagcccttc	atttacaaca	gagaacacat	ccaggggaaa	aaccttatga	atgtcatgaa	1260
tgtggaaaaa	ccttcaccca	gaagtcagcc	cacacaagac	atcagagaac	acacacaggg	1320
aaaaccttat	gaatgtcacg	gatgtgggaa	gaccttctat	aagaattcag	acctcattag	1380
aatcaaaaga	attcacacag	g				1401

<210> 8764  
 <211> 1678  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1679)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (298)...(1679)  
 <223> similar to gi4929812 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8764

gctcggggta	atagggctgc	tgctcggcct	tccgttggcg	gcgagcagca	ggggcatgag	60
ggctaaccgc	ggaagcggca	gctgagcggg	ccgggaggag	cgccgggtccc	cgtggatccc	120
gagagtgcag	agctcggggc	aggggcccgg	aggcgtgggg	gagccggggc	ctcccctcag	180
gaacgtgtcc	cggggcccgc	ccggcccgtg	gtgtggaagc	agcttcaggt	aggtgagctc	240
gtgaaacaat	atgaagagga	gaaaatagcc	ttttaaggaa	attggcccac	agaaaggatg	300
gccttcttgg	acaatccaac	tatcattcta	gctcatattc	gacagtcaca	tgtgaccagt	360
gatgacacgg	gaatgtgtga	gatggttctc	attgatcatg	atgttgacct	agagaagatt	420
catcctcctt	caatgcctgg	agacagtggg	tcagaaattc	aggggaagcaa	tggtagact	480
cagggtatag	tatatgccc	gtcagtcgat	attacctcaa	gttgggactt	tggattaga	540
agacgtcaa	acacagctca	aagattagaa	cgactccgaa	aagagagaca	aaaccagatc	600
aaatgcaaaa	atattcagtg	gaaagaaaga	aattctaagc	aatcagccca	ggagttaaag	660
tcactgtttg	aaaaaaaaatc	tctcaaagag	aagcctccaa	tttctgggaa	gcagtcgata	720
ttatctgtac	gcctagaaca	gtgccctctg	cagctgaata	acccttttaa	cgagtattcc	780
aaatttgatg	gcaaggggtca	tgtaggtaca	acagcaacca	agaagatcga	tgtctacctc	840
cctctgcact	cgagccagga	cagactgctg	ccaatgaccg	tggtgacaat	ggccagcgcc	900
agggtgcagg	acctgatcgg	gctcatctgc	tggcagtata	caagcgaagg	acgggagccg	960
aagctcaatg	acaatgtcag	tgcctactgc	ctgcatattg	ctgaggatga	tggggagggtg	1020
gacaccgatt	tccccccgct	ggattccaat	gagcccattc	ataagtttgg	cttcagtact	1080
ttggccctgg	ttgaaaagta	ctcatctcct	ggtctgacat	ccaaagagtc	actctttggt	1140
cgaataaatg	ctgctcatgg	attctccctt	attcagggtg	acaacacaaa	ggttaccatg	1200
aaggaaatct	tactgaaggc	agtgaagcga	agaaaaggat	cccagaaagt	ttcaggttca	1260
agggcagacg	gggtttttga	ggaggattcg	caaattgaca	tagccacagt	acaggatatg	1320
cttagcagcc	atcattacaa	gtcattcaaa	gtcagcatga	tccacagact	gcgattcaca	1380
accgacgtac	agctaggtgt	gcactcttcc	cggggggtgct	caggaagagg	gctgctcccg	1440
tggactgcct	caggccaggt	gctgacacat	ggcggcagga	gcagataggg	tgctgcggtg	1500
ctgcctgcgc	tgccttaaga	agctgagact	cacacaagtg	ttaagagggt	atctctggag	1560
acaaagtaga	gatagaccct	gttacgaatc	agaaagccag	cactaagttt	tggattaagc	1620
agaaacccat	ctcaatcgat	tccgacctgc	tctgtgcctg	tngaccttgc	tgaagaaa	1678

<210> 8765  
 <211> 1775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (682)...(1371)  
 <223> similar to gi4761644 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8765
gggtggttcag ggggcgtgta acctggggccg attctgcccc agcacactgg ttgtcgggag      60
ccccgcctcc gctcgcggtt gacagctcag ctggtgccga gcaactcgtg ccagccagtc      120
gtgtctcagc ctggagagtg cgcgcaccgc cgcccgggca gccgctggct ccagctcacg      180
aaacagcccc gggcgccgcg ccgctctgag tccagcctcc tactgagaac agtccctccc      240
ttgtgcgggt cgcacggcta gccgcaggtt cggccacgtc aaatccattt tctaaaaaag      300
cagggagcag agctctctct tcgccgccga cgcagaaagg agctggggag gaaaaagctg      360
ctgccttttg cgctggagat tcgtgggcaa ggcttctcat tttcccaggc tgcttcccct      420
cccgggtgag gagcgtcctg agactaagga aagagcctgg aaaatggagc agacctggac      480
gagagattat tttgcagagg atgatgggga gatggtaccc agaacgagtc acacagcagt      540
tctgtttcat tgacagcttt tcttagtgac actaaagatc gaggccctcc agtgcagtca      600
cagatctgga gaagtgggtga aaaggtcccc tttgtgcaga catattcctt gagagcattt      660
gagaaacccc ctcagggtaca gaccagggtt cttcgagact ttgagaagca cctcaatgac      720
ctgaagaagg agaacttcag cctcaagctg ctcatctact tcctggagga ggcgatgcaa      780
cagaagtatg aggccagccg ggaggacatc tacaagcgga acactgagct gaaggttgaa      840
gtggagagct tgaaacgaga actccaggac aagaaacagc atctggataa aacatgggct      900
gatgtggaga atctcaacag tcagaatgaa gctgagctcc gacgccagtt tgaggagcga      960
cagcaggaga tggagcatgt ttatgagctc ttggagaata agatgcagct tctgcaggag     1020
gaatccaggc tagcaaagaa tgaagctgcg cggatggcag ctctggtgga agcagagaag     1080
gagtgttaacc tggagctctc agagaaactg aagggagtca ccaaaaactg ggaagatgta     1140
ccaggagacc aggtcaagcc cgaccaatac actgaggccc tggcccagag ggacaagtag     1200
gtgccttcgg tgctcttttt gtcgcttgte ttttgcccat tctcaaggca tacagcagct     1260
gtcctgtttc ctttcaagga ctgacagtag gagcttcact atttctaaga ctttatgggc     1320
ccacaaccga agacattctt ttcagggttg aattttcagt ggtatccatt atgaaaactc     1380
acttcatgga ttcagtgggc aaatagcggc aagcaagaga catggattca cttattcggc     1440
aaacattttac tgggcatgcc acatgccaga taccgggcta agtatctggc atgtgttaca     1500
gaaacaaaag acctaaatct tgtcaccaag aaacatgtta catgatttta ataagttccc     1560
tgatagaaga gcatgggggtg ctctggggaa atattggagg gtcattccatt ccacattaaa     1620
agagcaagtt gtctgctgtg gtctgaatgt ttgtgtccca tccccacctc cctccccac     1680
cagtttatat gttgaaatct taacccttaa ggttaatact tctgcctcca gaagtattat     1740
gaggtggagc cattaggagg tgattaaatc ataga      1775
  
```

<210> 8766  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (403)...(425)  
 <223> similar to gi483916 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8766
ctcacatcac ataaactcac atcaccta atgtgaaggac tcacatcaca taaaaaagac 60
tcacaaacca aagagactca cataacacat aaggactcac aacaaaaagg actcacatca 120
cataaggact cacaacacat aaaaaactta agataaagggt gaaaaaagac attccatgca 180
aatggacacc aaaagcaagc aagcttagct attcttctat cagacaaagc agacttttaa 240
gcaactacag ttaaaaaata caaagagaga cgttacataa tgataaaagg actaccccaa 300
caggaaaata ttgcaattct aaatatatgt gcacctaata ctatagctcc caaatttgta 360
aagcaattac tactggacat aagaaatgag gtagacagca gcacaataat agtgggggat 420
ttcatag 427

```

<210> 8767  
 <211> 903  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (463)...(906)  
 <223> similar to gil78997 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8767
aaaaaacaag ttattcgtat ttgccaaaca gacctcaaaa ctgctgaaga ggccaggatt 60
aagtatcaga ttttctagat agtttttcta aacatttga cttagaaatt tcaagtaaaa 120
atgtgttttg ttgtgaacag aaattcaccg gcattattac ctaagtgtat ttccgagatg 180
ttgccacgta tgttttctta ttacagcta gagttaatta tgaaaattgt ggggttggag 240
gcgaggtggg ggtggcggtt tgttttctcg tgctctccaa ctagcgtgct ctcttcccct 300
ccccgcggc gtgcagtggg gtagagaaaa ggtggcgacg gcgactggag cagcagaggc 360
tgtagcatcg gatacccacc tcccacgaac cgggtcctct tccccctcct tgctgtgtgt 420
ttgatgtgtt gaagcaggag ggagaacgcc gcgagcagcg ccgtgagcaa cactaccatc 480
gtccccagca ctgcggatcc gggccctagc ggcgggcccc gtatcggagg tgggtggcggc 540
ggtggaggcg gcggcatcga ggtaataggt gactaatctc cccgggcgct agctctgagc 600
atatgcggac tctcttcggt ttcctaggca agatcgacga accacacctc ttcccgcggg 660
ataattcacc tttgccaatc gcaatctcgt taaattccat gatccagact cagcagttgt 720
cgccacatgt ctgacaaaca ctgtattcct tgacagagct ttgataacgt accatatgca 780
taaggagtta ttcctgataa ggctaaggct tgtctctgtt ggcaccagct aatgcaatgg 840
caggtcttct gcttggtgtt gggctcctgc ctactcctaa cccacttact cagactggcg 900
ctg 903

```

<210> 8768  
 <211> 1048  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (150)...(1047)  
 <223> similar to gi3044086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8768
cccttctccg agccagggtca ccgcaggggt ctgaaagggc aggggtgggt ggggcttaca      60
tgctgagcaa ggggtgggtg aaagagggcc gacatgggtg ccacaggcgg cctcggggat      120
ggggcgcggc tggacgcagg cagtcgggtcc ccggtgggtcc ggcggtcctt catgcactct      180
gtacagcgtg ggggcgggatg ggcgggggca ggggcatcag tctagaggct gcaggcctcc      240
tgggtccaccg agcgcttcct cagctccttg cctggccttg ggggcggcgg ggcgggcgcg      300
gcgggagggg cttcggggcag atgcaggacg gagttctccc ctggctgcac ccgcaggtag      360
gccttgacct tgtggtgccg ggccttgccg tcgctgaagt cgatgacgcg gactcgtag      420
gtgccttcgt ccgtgggctt caccggggac aggcgcagct tgtgggagat gttgctgccc      480
accaccttga ccacacttat tttggttgcc tccttccttg cgtcttcctg ctgagatgct      540
tttagctggt tcgaggccca cgctgcttg tcggtccagt cccggtggct ccgtacatac      600
caccactgga tctccagcga gtaggagggg gagccgctgc cgcggaagga gcaggccatc      660
tccacgtcct cgcccgctcg tgctgtcatg tcatgggggtg tctctgtgaa cagggcgtgg      720
ccggagacgt ggttgtccca gggcgcggtg ccggcgggcc gcgtggcgcc gccgagttgc      780
aggaaaagtg ccaggtagtg gagggcgccc agcgctacgg cgagcggggc ccccatcgtg      840
cgctctcggg ccgggggcgc cgccgcctca catctgggcc ccggagaccg cagaaccggc      900
gccagctgtc ccctgccttg agcggcctgg ctgcccggct ccggcagctg cccctcgccc      960
gctgtccccg gaccggccc agtcccagc cctcgcccgg ctccggccca gcccggctt      1020
cggggagcga gcgcacgccc agccggcc                                1048

```

<210> 8769  
 <211> 569  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (103)...(427)  
 <223> similar to gi5817200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8769
agaggggaggg agaaagcact ttacagacc tcacattcca ctgctgtcat cacagctggt      60
cacttctctg gatccagcac gtcagggtcc agtgcacacc tgcctgaatg cagttttgtc      120
ctgtaaacct agcctggaga aagcaggccc ttctttccct taacatgata ctttcacttt      180
aatctattca tgcctaccaa gtagtcacat agatgggaag gacacactgt agggcatggt      240

```

gtgatcctgg	acaagtgtta	ggagggccct	tccatcagtg	atatgtgtac	tttttcctgc	300
tgtgaaagct	aattgtcgct	gtcttattat	tttacaggcc	aaggaggtag	cagagcaaac	360
tctgggatct	gggttagatt	cctttgagtt	gattccgttt	aaggcagccc	tgcggttaagc	420
aatggctgat	attttttata	aggaaatfff	ttttcttcgg	gttggataaa	tctttttttc	480
ccttataatt	aagatttcat	ctcccttttg	aaaaatgttc	aagtaaaata	atgggatggg	540
gggaaggaga	ttatttcttg	attcacccc				569

<210> 8770

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (680)...(8)

<223> similar to gil235614 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8770						
ccgccccgga	atttccgggt	cgacgatttc	gtccgggagg	gcggctcgca	ggcaccatga	60
ctcctgtgag	gatgcagcac	tccctggcag	gtcagaccta	tgccgtgccc	ctcatccagc	120
cagacctgcg	gcgagaggag	gccgtccagc	agatggcgga	tgccctgcag	tacctgcaga	180
aggtctcttg	agacatcttc	agcagcaggt	agagcagagc	cggagccagg	tgaggcccat	240
tggagagaag	gtctccttgg	cccaggccaa	gattgagaag	atcaagggca	gcaagaaggc	300
catcaagggt	ttctccagtg	ccaagtaccc	tgctccagag	cgcttcgagg	aatatggctc	360
catcttcacg	ggcgcccagg	accctggcct	gcagagacgc	tcccgccaca	ggatccagag	420
caagcaccgc	cccctggacg	agcgggccct	gcaggagaag	ctgaagtact	ttcctgtgtg	480
cgtgagcacc	aagccggagc	ccgaggacga	tgcagaagag	ggacttgggg	gtcttcccag	540
caacatcagc	tctgtcagct	ccttgcctgt	cttcaacacc	accgagaacc	tgtacaagaa	600
gtatgtcttc	ctggaccccc	tggctgggtg	tgtaacaaag	acccatgtga	tgctgggggc	660
agagacagag	gagaagctgt	ttgatgcccc	cttgcatttc	acagagagag	cagctgacag	720
caggtccaga	gaatattcta	tgtgcaaacc	ttggcagtgc	tgaaatgatg	ttcacctact	780
gctgacttcc	acattgcaag	actatgtcat	gcggctggg			819

<210> 8771

<211> 1495

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (617)...(1495)

<223> similar to gi6015442 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



```

<400> 8771
ttaggagggg tttcagaagc aagatctcta cttccttcag aataataagg tagggaagga      60
agcctcaaaa caaagtggca atttggaggc agagaaggaa taaggtagtg gtggggagga      120
aagggatagc aagcagggttc agttcaggaa ctaaaggcaa aatcttcata ctcataccct      180
gtttgagtcc aagaggaagc aggaatgaga gtaagggtgg ggcacataat ccttattcaa      240
gttacctgat atttgaaaag aaggacacat gaacactaga gttaatcttt tagtgctact      300
gaaatggcta cacagttaat ctggaagttt aagagctaac aaagctgcaa agacaagctg      360
ctctttgttg taaagtggac tgaagatggt tcaaataaaa ctacatccaa aaactggtag      420
taagaaaagg gatctcttag caaataggaa tctaggtgta gaatttatac acatatatat      480
tttttaagt ataaaaatga gaaagtatgt acaaaaaatc atcctaaatc ttagaaagga      540
gacataaaaa aaaggctgtg gaaagcctgg ggagttatgt ggggtgatgc ctagcagttg      600
gaagaatgca tattgcccac ctgcccagca gccagcacia gaatatcttt cttctccttg      660
tggaagcgca gctccttgcc tgccagtcgg gcttcaccca gctcccgtc agtagaggcc      720
agctctctag acagtgcgcc cggcacactc tgctcccggc tcaccagtc caaggccatt      780
tggtggcgaa tatcatcatc cagggcccgg tgccaataat gagccaacac ctctgccga      840
gagcattgtc gttccctcat ggccttaagg ctgccattcc agtgtagcag ttgaaaaact      900
gtcattagct cctggaactc caacattgat ttgcccttgt tggattccag catgaatcgg      960
aaggcaccaa tccctgtatt tgggttgtca gcttccctcc tgttgccatt aaaagatgcc     1020
agggcctcag agacactctt ctgatgaac tcatcagtga ttcttcggga aggatgttca     1080
ttaaacacag aattcattag cgcaatcttt gcagcactcc tccgggcctc agcttttgtg     1140
gggcaaaact ggaaactccc aaagcagctt cccccaggca gggtgacata gcagacataa     1200
ggagggctgt tggagggaaac catctcataa accactagag cccattctt taagtacgca     1260
ccacgggact gcttcacttg ccagaattcc tgaagtgcct ccaccacatt cactgaatgt     1320
ccgcagaatc tccgcctggc caggattggg gccgtggcca cggggcagcc gaggtggcgg     1380
agccagtttc ctggggggccc gcatggcgtg gggggggggc acccggtatc ccttgggtgtc     1440
agtatctgcg ccccggcgcc ggatcctggt cctcctccc ggagcgccca cgaaa          1495

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```

<210> 8772
<211> 2457
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2278)...(71)
<223> similar to gi2317962 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8772
ttttttcacg gacagacagg gtcgtttgtc acagcagaga agcacctcac ggctcctacc      60
cgactcatc gcggacagtg cctgcagcgg gagcggcgcg agcaccctcc ccagatgaaa      120
acaccagcac caggaggtgg gccgtagccc aggtgaggg agggaggctgg gggctggggc      180
tcagggccccc ccccggccca cagcgccacc ctgagtggcc ctgaaaatag tgcacagtgc      240
tggttactgc cccggccgga ggcacctagt tgttgagcat tccggccaca ggccaccgcg      300
tgcccttccc ttggtgtggc acgagaccac gggcacttgc aggagctccc tgcattgtgt      360
tttgtgcttt ggtctcaggg agcaccctcc tacctcgggg tcccagagtg ggcagccggg      420
caggtgtgaa cagtgtgaca aggggtaccgt ggggcacctg gtagtgccac ccagaggggg      480
agccggtgct cctggtggtg tggcagcaac agttacaaac tcacccaag tccaaacccc      540

```

agaaatcctg	tttctctggc	cctccgggtc	cagaatgccc	tgactgcct	cctggcctca	600
ggggtgctg	cggtggtggg	aaggctgccc	agcagtgagg	aaggcgagtg	caggggctgc	660
ggccgcggtc	agagaaggag	agacaccagc	agaggacgcg	aagctgcgac	cggccagggt	720
cagagcccgc	ctcggttgct	cccaatcaga	atctgctttg	tgctccacgg	cctccaagca	780
ctttcatgag	cgttctgctc	ctacgtggcc	aggtcctacc	ttccctgacg	gctctggcca	840
ggccagctcg	gtttccctct	aacccatgag	gcctgggggg	gctgtgacag	aggctggaag	900
cgtggccaga	gcccaggggc	aggcccgcct	ggtcacagca	ggatgaggct	gggggtggcgc	960
agctgccggt	acacctgtag	cagcctctgg	gcggtggcac	aggagctggc	ctcctcctcc	1020
gtgcagagcc	ggtcgcgcag	ggtctgcacc	tcccgcagca	gtgtctcgtg	gttggcgtgg	1080
atctggcgga	ggtactgcac	acggagatca	ggagcgtgg	agccctgggc	ggcctgctct	1140
gtcaccatcg	tctgcatgcg	cccgaacaac	gcatggtgcg	ccctgcaa	gtcggccaga	1200
gaggagcttt	ccacttgaat	ctccacggcc	tggatggggc	ctgctgggca	caggctcggtc	1260
atggccacct	ctcggaacgat	gaggtgaacg	tggcgcctat	cagggggccac	tccctggatg	1320
gaagatagt	ctcgggccct	cacgacgtcc	acagcagcat	tctcagcaag	gagccactgc	1380
aggggtggcac	agcacagggg	cacgcctgag	tggcgcctct	tcaaggcagc	tctgagcagc	1440
tccgccgaca	ccttgatgga	agccacagat	gggggcaggt	actcggcccc	cagggaggcg	1500
ggtcctgctg	gctggctgcc	aggctccccg	caagtttcca	gaaaagtggc	cacagggtct	1560
cggggtggggc	cgagtgggga	gggggcccgt	gtgtgtggca	gggccaggcc	agggaaagcgc	1620
agacactgca	gcatgtccac	tgtgtgcctg	ctcaggggca	ggcaaacacc	ctcttgctcg	1680
ggcaggacgt	cggaggggca	ctcatccaga	aaggggtcct	cagagtctga	gggggcaagg	1740
gccccgcccc	ccacctccct	gagactgtag	aacagcgtgc	aggacacggt	cacgggcagg	1800
tgcagccccg	cgttctcacc	agggccagg	ggtagcgtca	cctcccgcgc	agcaccgggg	1860
ccgagctggt	ccacggggat	ggtgtagggt	atggcggagc	aggccgagtc	caggtcgaga	1920
gcacaggagc	tggtagcac	ctggatgcac	aggggtccacc	cctgggtccag	gctgaagctg	1980
ctgctgttct	ctagcacgca	ggtggccatg	agcacatcct	gtgtctgcag	gcggctccag	2040
gtggtgctgg	tggtagcagga	gatgggtctg	gggcccgtgc	cgttgacag	cagtgcacag	2100
ctcacgttca	tggcctcggt	gaggcttgct	agtgccttgt	tccgtgggtc	aaccgccttc	2160
tttagaaaag	acactctctc	agagatgttg	ccaattccag	acagcagctc	ctttattttc	2220
tgacctgcac	tctctgtggt	catcctggct	gggccaggca	tctcagagtc	caggtccagg	2280
ctgcagggtca	tcaggcggcc	tttggcggac	agggccagga	gcttgggtgcc	accttcatgc	2340
gtcctgggag	acgcggacag	cgagacgaca	ctgcagatgt	tcaggctggc	tgggcacagc	2400
atgggggggca	ggcctcccgg	gccttcttctg	ggctgctcag	ggcccagcgg	ggtgttt	2457

<210> 8773

<211> 688

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (188)...(688)

<223> similar to gi296382 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8773

ggagaataag	aaaactgtct	ggcacacaat	aggtactcaa	taaagtccca	ttttcttccc	60
tggcacagag	cagaaagaag	cagagactgg	tggagtcagt	ggagactgaa	gggcaagagg	120
agaggagaga	aaggacataa	ttgcttgcat	accagaagtg	ctcaataaat	gtagtccttg	180
ccttgaaga	gggcagagag	ctcagaaaca	caaggaaagg	acagaagagg	gaccggggag	240
gaagagagt	aggaaacagc	cagagaatct	gctagaaggg	agagaggaga	gagaagagcc	300

ggacagggag	agcagaagtg	agaaaaagga	gggtggccac	agagaggaca	gcgagaaaaa	360
gagaacagga	agaggggaaa	agagaagaaa	tgggagaggg	aagaaggggtg	ggagagaaaa	420
cggaacagag	agggggcaca	gacagcggac	tggaccgaga	gggagatgga	gcggtgcgga	480
gggggagaga	gaaagagggg	gggaaggagg	gtaggagagg	gctggagata	ggggaaaaga	540
gaaaaggagg	gtaggagagg	gctggagaga	gaagggaagt	taagaaggga	gcaaggggtc	600
ccagacagcc	ctatgcctga	ggtcaataca	gaactggagg	tgagacatta	gagttgcatt	660
atgcccataa	gccaaactgc	atacgaaa				688

<210> 8774

<211> 1129

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (478)...(1129)

<223> similar to gil82099 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8774

tttttttaaa	agcaatttat	ttctgattac	aaaatacagg	tgaggagcat	gggcgatgcc	60
tgtaacccct	tggttgtgca	tcttcccagt	ctatttctgc	ttctagaaat	accctgtgta	120
caacagcaag	ctcatgctgt	ccccaaagtgc	ttgcacattc	taacagctgc	agagtatatg	180
accaggtgga	aagtccaaca	gatgccccac	tcacaagata	gggccctcca	atcagtcttc	240
tggctccctt	tactcatag	taactggttg	ctcttcctat	tggtcataga	taaatgacac	300
ctgcacaatt	ctccgagtg	tttcaagcaa	cttcgggagg	cagtgactaa	gaccttttcc	360
ttgctccag	cttcctatgt	cccagggctg	cctgtggcac	ctggactgct	gctgcccctg	420
ggtcccgtac	attccagggc	aacaatggag	gaagggcagg	caacgcatga	ggaattaaca	480
gtctttattg	ggctcagacc	aggagtccgt	gggtcttgag	gacctctgtg	tatttgtcaa	540
ttttcttctc	cacgttcttc	tcggcctgtt	tcogtagcct	catgagctgt	ttcttcttcc	600
ggtagtggat	cttggctttc	tctttcctct	tctcctccag	ggtggctgtc	actgcctggg	660
acttcagcc	aacctcgtga	gccaggcgcc	ccagataggc	aaacttttct	gtaggcttca	720
gacgcacgac	cttgagggca	gcaggaacca	ccatccgctt	tttcttgtcg	tagggcggtg	780
ggatgccgtc	aaacaccttg	agacgggtcca	gagcggcctg	gcctcgcttg	gttttgtggg	840
gcagcatacc	tcgcacggtc	cgccagaaga	tgcggtggg	ggcccggagg	tggtaggggc	900
ctcggaagg	gttgggtgtc	atccgcttgc	ggaggaaagc	caggtacttc	aacttgtttc	960
tgtagaaatt	gccagaaatg	ttgatgcctt	cacagcgtac	gaccaccacc	tttccggccc	1020
agcagtaggc	tggtttagcc	ccgatggccg	gccaggcggg	cccaggagat	gggcctcgac	1080
catcaaagca	ccaggacctg	cacctccgcc	atcttcggca	gccgcttgg		1129

<210> 8775

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (306)...(570)  
 <223> similar to gil698455 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8775  
 gctgcgagaa gacgacagaa ggggacactt aggttctttg tagctaactg tgtgatcttg 60  
 ggcaagtcac ttggcctttt agagcttcat tttcttcaaa cacaacaata agaactacta 120  
 tgtgagggga cttcaaagaa aactcatgga aaaatacata ttatgaaaaa actgcagaat 180  
 ttcaaaattt tgtatgcacc aaaataaact tgcactaact tgcataaca tatctgaaca 240  
 ggatgtagtt tgaggcacta agaaggataa gacatcagtt tgaaaagagc ccctatcaga 300  
 gcaacataag ttctgctaaa attgaagcaa aaacaaacat aaaatttatg gtgaagctgg 360  
 gtgaaagaat ggtgaaatca ttgatgcttt acataaagtt tatggggaca atgccccaaa 420  
 taaataattg gatggctcat ttttaagaagg gacaagatga tgttgaagat gaagcctgta 480  
 gtagcagact gtccagtttg caaggaaaaa attcatcttg ttcatgccgt aattgaagag 540  
 gaatgatgat taacagcaca aataatagc 569

<210> 8776  
 <211> 1083  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1084)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (63)...(1083)  
 <223> similar to gi5689519 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8776  
 atcctctaga gcggccgctt ccccgcgccc gagcgaggag gcaggctgcg gcggcgagag 60  
 gcggctgctg gcccatgggc gcgccagtgt cgccctaggg cgggcgca caccacagcc 120  
 ggagcggtgg tggcagcctc cgcagaaagc cttcccgggc ggcgggcgcg gcggccccctg 180  
 gagcagcgcg gccgggatga gcgggagctg cgcggcgccc ggcccgggct cgggctcctc 240  
 cccggccgcc tgccgcttcg cgcactactt cgtgctgtgc gggatcgacg cggacagcgg 300  
 gctggagcct gacgagctgg cggttttgta ccaatggcta gaagcagatc gtcatggcaa 360  
 gagccaaggt gctgcaaata cgacttcagg cgaaaatttt ggccagagtc ctttgaaaag 420  
 aacattcaaa tccaaagtgc tcgcccacta tcctcagaat atagaatgga acccttttga 480  
 tcaagatgcy gtgaacatgt tgtgcatgcc taaagggcta tctttcagga caaaaacgga 540  
 caataaagac ccccgagttt actcatttat aattaccagg gaagatgggt ctgcaccta 600  
 tggttttgtt ctactttttt atgaagaagt tacaagtaag caaatctgca cagcaatgca 660  
 gacactttac cagatgcaca acgctgagca ttacagcagt gtgtatgctt catcttcctg 720  
 cagtatggac tcattggcaa gtagtcttga tgaaggagat acaacttccc ttttgaaact 780

ccagcgatac	aactcctatg	atattagcag	agacaccctg	tatgtttcaa	aaagtatatg	840
cttgatcaca	ccgttaccat	tcatgcaggc	ctgcaagaaa	ttccttatcc	agctttacaa	900
ggctgttacc	tcacagcagc	caccaccctt	gccacttgaa	agctatatcc	acaatattct	960
ttatgaagta	ccccttccac	ctccagggag	gtcactgaaa	ttttatgggtg	tttatgaacc	1020
tggtcatctg	ccagaggctg	ggcccagtga	actccccctc	tctgattanc	cccttcggga	1080
ggc						1083

<210> 8777

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (551)...(739)

<223> similar to gi9449 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8777						
tttcgtctac	gttgtggcgg	ttccctgggtg	aatgcgccct	gggggttgagg	cgtctgcggg	60
cgttcggacg	atgccgtgac	gcggcacggc	gacactggtg	gcaatatgag	cgcacccctg	120
tagagggagc	ccttcggtcc	tggaggcggc	gcggcgtgaa	gacaggttgc	tatttgagag	180
cgttcccttg	aagcccctca	gagagtgggg	gaggggcggc	ggacggcggc	ggttcctgtc	240
tgcgcttgcg	ccggcgccctc	tgccgacccg	gcctgcacgc	acgcgcatgc	ccgtagcgcg	300
cggagcccg	gtggccggca	gactgcgcg	tgcgcggtga	ggagcccgt	aaggagcggc	360
gctggcggac	gtcgggctgg	ctgcccgtga	cgtcgtgcgg	agagctttaa	agtgcggggc	420
gggcccggcg	tccgagggtc	tggtcgggag	tcgggcgcgcg	tctccgcagc	agccctccgc	480
ggcatgaggc	gctgctggcg	cccctgcccc	gcgggacgtg	gagaagggtg	aggaggaaga	540
agccccgttg	tcgcccaccg	tgcatgaccc	gccgctcctg	aggccctacc	ccacgcccgg	600
accctcgacg	ccccccggcg	ggtccccccac	tcacgcattg	gggttcggcg	ctaaggaccc	660
ccctccctcc	gggggccccg	gggcgcgtcc	ccttagagcc	atgcccggct	gccccgccccg	720
ccccagaggg	ccctagtagc	agcgtcgtgg	ggaccatggc	ggccgcaag		769

<210> 8778

<211> 644

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (17)...(608)

<223> similar to gi3413516 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8778
cgacccacgc gtcggtgga tctgccctc cctgtggctt ctctgcttg gggggcctgc      60
ctgcctgaag acccaggaac accccagctg cccaggtggg cacctagggg gccctcctca    120
ccaaccact cctcattccc tcgctgggtg tccccccacc aaggctcatc aacctcaagg    180
agcaggggtg gagtttcata atctgggctc tgcattgaaa tatatgcaaa tggatgcaaa    240
gcacacgaaa ccttgccagc tcaggagaca agcatcctga cagtgggaat ctgggagaca    300
ggaagagaac tgaagagggg tctggaagag acagtctacc ctgtgcccac cctgcctgtg    360
tctccctgta ggacccaggg aactggaagc cagcaaagtt gtccctcctgc ccagttgtcc    420
cggagctcca ggaagtcctg gagagaatgg agccccaggt cctcaagggc catctggacc    480
accagactag atggtcccca cgtgtgagcc aagacatcca gtgatcctgc tgcgatgacg    540
ttatagcctc ataaattgac ggcagctcaa gagcttattc gccaactttg ggcggattta    600
accattcttg ggaattttaag agcaggctgc ccacctgggt aacg                      644

```

<210> 8779

<211> 1840

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (584)...(1580)

<223> similar to gill196425 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8779
gtggagcatc cctgtggggg actctggcca gcttgagtga cgcagatcct gagaccactc      60
ccgggtaggg aattgccccg gtggaacgcc tcatcagagc agtgcgtggc agggccctgt    120
ggaggatcaa cgcagtggtt gaacaccggg aaggaatggg cacttgaggc ccggacattt    180
gaaacttggt aatcgagtgt ggatcaagga ctggaacgta acttctttgt gccacgggtg    240
gaaagaccgt agtctgtcgt cctgaccact cccaccgctg tgaaggtaga gggaatccca    300
gcctggatcc accacagccg tgtaaaacct gcagcacctg aaacctggga ggcaagacca    360
agcccagacg acccttgacg agtgacctg aggaagacga caagccctgc tccagtcaca    420
cccagaagct gactggtcca cacatggccg aagcatgagg aagctcatca tgggattcat    480
ttttcttaaa ttttggactt acacagtaag ggcttcaact gaccttactc aaactgggga    540
ctgttcccag tgtattcatc aggtcaccga ggtaggacag caaactaaaa caatctttct    600
gttctatagt tattatgaat gtatgggaac attaaaagaa acttgtttgt ataatgccag    660
tcagtacaag gtatgtagcc tgggaaatga ctgacctgat gtgtgttata acccatctga    720
gccccctaca accaccagtt ttgaaataag attaagaact ggccttttcc taggtgatac    780
aagtgaataa ataactagaa cagaagaaaa aggaatcccc aaacaagtaa ctttaagatt    840
tgacgcttgt gcagccatta atagtaacaa gctaggaaca ggatgtgggt ctcttaactg    900
ggaaaggagc tacagagtag aaaataaata tgtttgcatt gagtcagggg tttgtgaaaa    960
ttgtgccttt tggccatgtg ttatttaggc tacttggaag aagaacaaaa aggacttggt   1020
tcatcttcag aaagggggag ccaacccttc ctgtgctgcc agtcaactga acccactaga   1080
actaataatt accaatcccc tagatcccca ttggaaaaag ggagaatgtg taacctgggg   1140
gatcaaaggg acagggttaa acccccaggt tgccatttta gttcaagggg aggtccacaa   1200
gcactctccc aaaccagtgt ttcaaacctt ttatgaggag ttaaactctg cagcaccaga   1260
acttctgaaa aagataaaaa atttgtttct ccaattagca gaaaatgtag ctcatccctt   1320
taatgttact tcttgttata tatgcggggg aaccactatc agagaccgat ggccttggga   1380
agcctgagag ttggtgcccc ctgatccagc tcctgatata atgggggctt gtccaggatc   1440

```

tcatacaggac	tggatggctc	tcgctggact	atactggata	tgtgggcaga	gagcctacat	1500
tcagttaccc	taatgaaatg	ggcagacagt	tgtgttattg	gcactattaa	gccatccttt	1560
ttcttattac	cgataaaaac	tactgggtact	atctgtaaat	tccagacatt	gtatgagaaa	1620
gcactgtaaa	actttttgtt	ctgttagctg	atatatgtag	cctccagtca	cattcctcat	1680
gcttacttga	tctatcatga	ccctttcacg	cggacccctt	agagttgtaa	gcccttaaaa	1740
gggctaggaa	tttctttttt	ggggagcttg	gctcttaaga	catgagtctg	ccgatgctac	1800
cggccaaata	aaaacctctt	ccttctttaa	aaaaaaaaaa			1840

```

<210> 8780
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (668)...(858)
<223> similar to gi288145 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8780						
cggcacgaga	aaaaagatat	atacttaggt	gtgtagtagc	tggttcacag	gcatgcatag	60
cctcaactta	tataagttat	gccaacttgt	gttctgaagt	gggcatggca	gcttatgctc	120
ccagcaggag	tctatgagaa	ttcttggtgt	acatcctcac	caacatttgg	gattgtgaga	180
cctcatgttt	tatccatcta	ttcagctgga	agtgaatct	cagaggggtt	tttaagttgc	240
ttactagtga	gcatgagcat	cttttcatat	gttgcttggc	ccttcctggt	tccccatctg	300
tgatttgacc	attcaagggtg	tttgctact	tttcaatggg	tctattcttt	ttgttattga	360
tttgtagaaa	tcccatataa	attatggaaa	catttaggtc	tttaactgga	attaatttta	420
tatgaatgct	gggagataga	aataaatttt	tgctgctttt	atcttcttac	ttgtttattt	480
tcatggtttc	ctggcatttt	atTTTTgttt	tattttttgc	ttttaaatat	aactatatag	540
ctggtattac	actatgtagc	aactgagtgc	ttttgtcttt	ttaaaagcat	ttcgttatat	600
aaaaatgggg	tgggcacagt	ggctcacgcc	tgtaatccca	gactttgaga	ggctgaggtg	660
ggtggatcac	ttgaggccag	gagtttgaga	ccagcctggc	caacatggca	aaatcccgtc	720
tctactaaaa	atacaciaat	tagccgagcc	tggtggtgca	tgctgaaaa	taccagctac	780
tcggatggct	gaggagtggg	aatcgcttgg	aacctgggag	gcgaagggtg	caatgaactg	840
agatcacacc	actgtac					857

```

<210> 8781
<211> 459
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (193)...(461)
<223> similar to gi339771 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8781
ccgatggagg cctattccag ccagcgctac aagaactgct aaaaggagct ctaaaccttg      60
aaagaaattc ttgaaatact ccaaaataga acctccttaa accgtaaadc ttacaagacc      120
tatgtaacaa taatatgatt tttaaaaaaa ggtattcagg caacaaatag catgaggaat      180
agaatagtac ctcacatctc aatactaaca ttgaatgtaa atggcctaaa tgctctactt      240
aaaggataca gaatggaaga atggataaga attcaccaac caagtttctg ctgtcttcag      300
tagactcacc taagagtaag gactcacaga aacttaagta aaggggtaga aaaagatact      360
ccatgcaaata ggacacccaaa tgtgagcagg gatcactatt tttatatcag acaaaacaga      420
ccttaaagca acagcagtta ggaaaaaaca aagagggac                                459

```

<210> 8782

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (23)...(556)

<223> similar to gi3875351 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8782
gcttgaattc gctcgcgggg ccatgccatt cctcgggcag gactggcggt ccccggggca      60
gaactgggtg aagacggtcg acggctggaa gcgcttcctg gatgagaaga gcggcagttt      120
cgtgagcgac ctgagcagtt actgcaacaa ggaggtatac aataaggaga atcttttcaa      180
cagcctgaac tatgatgttg cagccaagaa gagaaagaag gacatgctga atagcaaaac      240
caaaactcag tatttccacc aagaaaaatg gatctatgtt cacaaaggaa gtactaaaga      300
gcgccatgga tattgcaccc tgggggaagc tttcaacaga ctggacttct caactgccat      360
tctggattcc agaagattta actacgtggt ccggctgttg gagctgatag caaagtcaca      420
gctcacatcc ctgagtggca tcgccccaaa gaacttcatt aatatttttg aaaaagtggg      480
actgaaagtc cttgaagacc agcaaaacat tacactaata agggaactac tccagaccct      540
ctacacatcc ttatgtacac tgggtcaaaag agtcggcaag tctgtgctgg tcgggaacat      600
taacatgtgg gtgtatcgga tggagacgat tctccactgg cagcagcagc tgaacaacat      660
tcagatcacc agggtaagcg ggcaggccca gcctcctccc ggcagtgggt ccctccacag      720
ggatactgga cagactcgcc aagactttga attcactcct gtgacggaag agtctggtct      780
tttctgatct gctgccttgt tctgggt                                           806

```

<210> 8783

<211> 1114

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (398)...(1117)  
 <223> similar to gi4689328 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8783  
 gcggccgctg ctgaggcgga gactccccgc cgccgcttcc tccatcccca gtccgcccgc 60  
 ctgcgggcgc tgcaggggcg ttgcgcgcag agctcttccc tctctctttt tcttctctct 120  
 cctcctcctc ctccgggtcc ccgcccagca cccctcgcac caggcgggcg cgccggagga 180  
 ggagagctag acccgccgcc ggggcacaa atggcgagc cctcgcccc ggagagcaag 240  
 cacaagtcgt ccctcaactc gtccccgtgg agtggcctca tggccctggg aaacagccgg 300  
 cacggccacc acgggcccgg ggcccagtgc gcgcacaagg cggcgggcg cgccggccg 360  
 ccgaagccgg ccccgcggc gtgctcacgg ggggctgtcg cagccggctg ggtggcagtc 420  
 gcttctctcc ttcaccatcc tcttcttggc ctggcttgcc ggcttcagct cgcgcctctt 480  
 cgccgtcatc cgcttcgaaa gcatcatcca cgagttcgac ccgtgggtta actatagatc 540  
 aacacatcat cttgcatctc atgggttcta tgaattttta aattgggttg atgaaagagc 600  
 atggtatcca ctagggaaga tagtaggtgg tactgtttac ccagggttga tgataaccgc 660  
 tggccttatt cattggattt taaatacatt gaacataact gttcacataa gagacgtatg 720  
 tgtgttctct gcaccaactt ttagcgccct tacatctata tctactttcc tgcttacaag 780  
 agaactttgg aaccaaggag caggactttt agctgcttgt tttattgcta ttgtaccagg 840  
 ctacatatct cggtcagtag ctggatcctt tgataatgaa ggcattgcta tttttgcaat 900  
 tcagttcaca tactatttat gggtaaaatc tgtaaaaact gggtcagttt tttggacaat 960  
 gtgctgctgc ttatcttatt tctatatggt ctctgcttgg ggtgggttatg tatttatcat 1020  
 caatcttatt ccactgcatg catttggtgt ggtactgatg cagatacagc aaaagagtct 1080  
 acatatgata tagcactttc tacattgtgg gttt 1114

<210> 8784  
 <211> 1758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1575)...(80)  
 <223> similar to gi560151 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8784  
 ggaattcgat tgcaccactg cactccagcc tgggcgacaa agcgagactc cgtctcaaaa 60  
 aaagagaaac atcttttagca ttttctaagg atccctgggg gacgggaggc aggtgtgcgg 120  
 tgagttgggg gattagaagc tcccagggtc cttccgtcag ctgctggggc cccagatcca 180  
 ctgtgacttt ccttcccagg gaagaccctt cgcacagtgg agccgctgga cagccgggtg 240  
 cccctgactg cgggtggctgt catgcccgcc cccacacca gcatcaccat ggccagctct 300  
 gactctaccc tgcgctttgt ggactgcagg aagcctggtc tgcagcacga gttccgactg 360  
 ggcgggtggc tgaaccctgg gcttgtccgt gccctggcca tcagccccag tggccgtagt 420  
 gtcgtggccg gcttctctc aggtttcatg gtgctcctgg acaccgcac gggcctggtt 480

ctgcgaggct	ggccagccca	cgagggggac	attctgcaga	tcaaggcggt	ggagggcagc	540
gtcctgggtca	gctcctcctc	tgaccattcc	ttgactgtct	ggaaggagct	ggagcagaag	600
cccacccatc	actacaagtc	agcatccgac	cccattccaca	cctttgacct	gtacggcagc	660
gaggtgggtca	ctggcaccgt	gtccaacaag	attggcgtct	gctccctgct	tgagccaccc	720
tcgcaggcca	ccacgaagct	cagctctgag	aacttcgcg	gcacgctcac	cagcctggcc	780
ttgctgcccc	ctaaacgcca	cctcctgctg	ggctcagaca	acggggttat	ccgcctcctg	840
gcatagactg	aggcaggagc	tggccgggca	aggggtgggaa	gacatctgctg	ggcgcgtgtc	900
cgctcaccct	gttccctgag	cagcagctcc	ctccaggag	gccctgggtc	ccacgccctg	960
ggtgccccaca	tggcctgcca	actagggcct	gcaaattggag	tgggggagtc	ctggccccctg	1020
aatcaccaga	gccaccaagc	ctgccagagg	gggtctcattc	atggcttggg	gacacagggc	1080
tcctagcaag	caggaagtta	agagcaggag	gaagcgttgc	taccttcaact	tctccccagc	1140
tcgcacctct	gggtccacat	gaggacagg	aagctcggga	aggggaagg	agactggccc	1200
tgcccagccg	gtctctagcc	cctcagcccc	cgctgggcac	tctctgtccc	atccctctag	1260
gacaggggaag	ctggcctggt	ccagggcact	gatgggtgctt	ggattccagc	ctaaggaagg	1320
ctggccgtgg	tccaggagtt	aagggtcttg	gtctgggggtt	taagtggcca	cccattccagg	1380
ccctggccag	tgtgggaccg	ggacgggaag	gaagaaggag	gctaggagca	gggggaaaag	1440
gtgcacttgg	ccagtggcgc	ctgccaggag	tgagtccatg	cgttgtctgc	ccaccctac	1500
cacagtgttt	gtgccttcag	ctgagggggc	agcctctggg	ccctgaaccc	ctgctggggc	1560
tccacgaccc	tgagagaagg	ggtgagaaga	atcatctctg	cacctcgggt	ctctgccaga	1620
ggaagactta	agcatccctg	cgacctcaca	ttctagacag	agatgaggtc	caggggttgg	1680
ccctgctgctc	cttctcacia	tttgcaatag	atgtaaatag	gaccaataaa	tcctttggaa	1740
gagccaaaaa	aaaaaaaa					1758

<210> 8785

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(864)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (65)...(630)

<223> similar to gi4455154 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8785

gggcttctac	cccagaccac	aagccgctcg	ctgcggctct	gttttctct	ctgctcctgt	60
ttctctggag	agcagagctc	tctcctcccc	agtgtctttc	tgggccccga	gctgtctcac	120
ctgaaacgcc	acttgccaca	gccaccctca	tccaccaaca	antactctgc	ctttcgcggc	180
ccataaagct	ttctcagccc	tgtccactct	gaagtatctc	tctctcccga	ccccctcccc	240
acgggtggaca	cattctcctt	cacagaagaa	aggccctggg	acccttcagc	taccggctcc	300
gaaactgcaa	acctagaccc	ccctgtgctc	caacctctc	ttggatgagg	ggcctcctcc	360
tcgctctact	gagggagtcc	tccccactg	cttctgcctc	gtgccttctg	actcaaacct	420
cctaggagga	cacctgcac	ctctcagcct	cgtactctgg	ctttgggggg	caccaagctg	480
gggtcaccag	ctccagcaga	tgcttttgc	cccttgccct	agacactgtc	cactccttcc	540
acgaagctct	cctgtggggc	tctgagcac	ctgctccact	gaccgctgg	ctgccggctg	600

ccattcctgc	cccctctcct	tggectcctt	cttctccttc	acttatggcg	agttttcact	660
gccttccatt	ggaagctatc	ttttccacc	catggcttcc	ctcccatcca	gagctctctt	720
cctggactct	gcagagagct	ccaattcgaa	ctgtccatgc	agggctgat	catcctcccc	780
tcttgccaag	cttctgacac	cagcaaatgt	cactcctatg	gaggcctgag	gcaggacctg	840
tgctctccca	atggcagtct	aac				863

<210> 8786

<211> 2461

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (454)...(3)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8786						
ggaggcaaag	cttgagctga	gctgagattg	cgccactgca	ctccagccta	ggtgacagaa	60
cgagactctg	tctcgaaata	aaattaaaaat	aaaatggggg	ccgggcacag	tggctcatgt	120
ctgtaatccc	agccctttga	aaggccgagg	caggcggaatc	acctaaggtc	aggagtttga	180
gaccagcctg	accaacatgg	cgaaaccccc	tttttgctaa	aaatacaaaa	atcagccagg	240
catggtggtg	ggccctata	atgccagcta	ctcaggaggc	tgaggcagga	aaactgcttt	300
aacctgggag	gcagaggtcg	cagtgaagcg	agattgcacc	attgcactcc	agcctgggtg	360
acaaagtttt	tttaaaaaaa	aaaataataa	aatgggacct	ccacgctgtg	gaggcccttg	420
ccagtctaga	gtggtgcttc	tttgagggga	cttggaacaa	accccccaa	cacagcatcc	480
cctcacacct	gccaccact	tccttaccgg	ctgccgtggg	agcctctatc	ctgaactatg	540
gaggggcggg	gtggaaattt	tatataagga	ccttggttaag	gccaagaaag	tcagttaa	600
cttacaatat	aaatatatca	tttagtcacc	tcagcttacc	cccagagggtg	tttacacaat	660
tcccaatgac	cagtgcagct	tggaaaggac	tgaggctcgc	aagtgggtgg	cacagtcggc	720
tcttcagtgg	ctccaaagtg	aagccctca	caacaggaga	cacttcaaag	aggtctgtcc	780
ccagccacgc	actcatgatt	gctttttagc	agaagtcattg	gggccttgag	gccctggggt	840
tgggcaaaag	cacagctgcc	agcagagcac	agttctggta	ggtggggcca	cggctgacct	900
ggccccagag	ctacaggaac	aggcaggggc	cagcttggtc	tgcaacacca	tgaacaagc	960
ctgtggggcc	cttagtgtct	tctcccgcag	agccaccag	aaacacttct	gtgagtaaca	1020
gaacctggaa	ggaaaagggg	caggggtggg	gccttggtgg	caccgcacag	gacgtgcccc	1080
aggcttctct	tccagctgca	ctgccacgtg	cggccaacaa	gagccccgca	gccctgggggt	1140
gctgaggctt	ggctcttccc	agcttctgca	aatgccctgg	cactgccctc	caattcagag	1200
ggtataaaca	tcaatccaag	ccctgttcct	ctttccaaca	tgggggggac	ttggagtggc	1260
actggaggga	agggggcagt	ctctctggaa	gaaccagagc	tgcaccttc	accactggag	1320
tgatcacagc	ttcaggtctt	acctggctgg	cttttctcat	gaaggatccc	gtctcatctc	1380
ccagatcaaa	aagacctctt	tctaatgctg	tcccagcatc	taccaacagg	ctgacctgag	1440
ctgcccgtgt	cccccggttc	tgtagcctga	gacctatcag	atgtcatctt	ccacggagcc	1500
actgtgctcg	cctaaggagg	taaccacttc	agcctgtcgg	gcaaaaggca	gggctttgac	1560
cttcacatcc	acaggccacg	gctgaaaggt	aagaagccgg	atggccacac	ggcacagggtg	1620
cttgaggggc	gggggatagc	tctccagctg	cctcaaggag	aagtggaggg	cctggatctt	1680
ttccgccagg	ctgcccacag	ggtggatatc	gaagttttcg	ggcagctgga	gtttctgaga	1740
gttggtcacc	atgagatcca	ggacagtctc	agctttgcgc	aggaggtccg	catggctctc	1800
gtcttccgtg	cagcctgggt	gggaacagag	cctctcaaag	atgatgtgaa	agccagacca	1860
gcaggacgca	ccgtgcaggg	agcagttgta	ggcggtccg	gactccagga	ggaagcgag	1920

gagaggggaag	tgcagtttaa	agctcttcag	gcagatgtgg	gtgagggact	cgtgggctgg	1980
gcactcgctg	gggtcggccc	cgtgtgccag	cagcagccgt	gtgacttggg	agcagaagcg	2040
gttgatcatc	tgggcctcct	ctttgtcccc	tcccacggtc	tcaccaagca	ggaagatgat	2100
gcaggtgaac	actgtgtccc	catcttttgg	ggtggccttg	acgtctgccc	ctccttccag	2160
taagagacga	atgtttctcag	tattgtggat	ctgcaccccg	tcgctgctgg	ccagagcatg	2220
gagcagagca	gttttttcta	gggagggagg	gagagcaagg	aggagcagga	ggccaggaag	2280
cccaggtcag	ggcaaccacg	aggaggtggc	agaaatccag	acactcagag	gatcagaaga	2340
tgaactttca	gagacaactc	tcagctcagg	tgagggctga	gggtgacggg	cttctggcca	2400
ttccctttcc	acccagagaa	gtgggagcgg	aaaggccagg	aaaggtagga	tttttctgga	2460
c						2461

<210> 8787

<211> 1616

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (199)...(1431)

<223> similar to gi2393734 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8787

ggaattcgcg	gcaagatggc	ggaccgtggc	ggcgtgggtg	aagccgcagc	tgttgagcgc	60
tctcctgcat	ctgtccctgg	cctaaacccg	acgctaggct	ggagggagcg	actgcggggc	120
gggctggcgg	ggactggggc	ctcgttgtgg	ttcgtggcgg	ggctggggct	gctttacgcc	180
ctgaggatcc	ctttgaggct	gtgtgagaat	ttggcagcgg	tgactgtatt	tttaaattca	240
ttgacacca	aatttctatg	ggcacttaca	gggacctctt	cattgatatc	aggactaata	300
tttatatttg	aatgggtgta	cttcataag	catggcacat	cttttattga	gcaagtatct	360
gtaagccatt	tgcaaccact	gatgggagga	acagagagca	gcatttcaga	accaggttct	420
ccttcgagga	acagagaaaa	tgaaaccagc	agacagaatt	tgtcagaatg	taaggatatg	480
agaaaccctc	taaatctttt	cagaggagca	gaatatagga	gatacacttg	ggtgactggg	540
aaagagccac	ttacatacta	tgacatgaac	ctgtcagctc	aggaccatca	gaccttttct	600
acctgtgaca	cagatttttt	acgtccttca	gacacagtta	tgagaaggc	ttggagggaa	660
agaaatcctc	cagctcgaat	caaagcagcc	tatcaagctt	tagaattaaa	caatgactgt	720
gccactgcat	atgttctact	ggctgaggaa	gaagcaacaa	ctattgtaga	tgctgaaagg	780
ttatttaaac	aggcactcaa	ggcaggagaa	acaatttata	ggcagtcaca	gcagtgccag	840
caccaaagtc	ctcagcatga	agctcaactg	aggagagata	ccaatgtact	ggtatatatt	900
aattgaagat	tggaatgtg	tgcaagaaaa	ttaggaagaa	taagagaagc	agtaaaaata	960
atgagagatt	tgatgaatga	atttctctct	cttaccatgt	tgaacatcca	tgaaaatctc	1020
ttagaatcac	ttttagaatt	acaggcctat	ccagatgttc	aggcagtcct	accaaaatat	1080
gatgatataa	gccttccaaa	gtcagcagca	atctgttaca	cagcagcact	gttgaagaca	1140
aggactgttt	cagaaaaatt	ctctccagaa	acagcctcca	caagaggatt	aagcgcagca	1200
gaaattaatg	ccgtggatgc	aattcataga	gctgtggaat	ttaatcctca	tgttccaaaa	1260
tattttattag	agatgaaaag	tttaatttta	cctccagaac	acattctgaa	acggggtgat	1320
agtgaagcaa	ttgcctatgc	tttctttcat	cttcagcact	ggaaacgaat	agaagggtgt	1380
cttaatctgt	tacagtgtac	atgggaaggc	agtaagtatt	cttttccaaa	agtaacacta	1440
atctctctaa	ctattcattg	aattcacagg	cagtcttttt	aaatgagatt	gtctgggttt	1500
ccataaggat	ttgtcgttca	gattggtttc	aaatggaaat	tagtgatgag	atatttggtt	1560
tattggtaga	aatgcataat	gttatattga	tcccacaaaa	gcagaatgag	aaattg	1616

<210> 8788  
 <211> 972  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (330)...(973)  
 <223> similar to gi206712 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8788

tttgtaa	aaa	ggagtctgc	tttgtcccc	aggggtggggg	ccactggggc	gtttttttgt	60
ccctgcaagg	cccgggccct	gggggtttta	acaatttttt	tggggtagcc	ccccaactaa		120
gtggggctac	agggggcccc	cccccccc	gggttttttt	tttttttctt	tctttctaag		180
tagagacagg	gtttcatcat	gttggccagg	atgatcccga	actcctgact	tcagatgac		240
cacctgcctc	agactcccaa	agtgctggga	ttacaggcgt	gagccactgt	gcccagcctc		300
ttggaaagat	ttggattcgc	ttcatggagc	cagggagcag	gacatagggtg	aagaacccag		360
cttgtggctc	aagttggcct	gaatagggtt	cgaggccctg	ctccccggg	cctctttgtc		420
catgtgttca	aggaaaaaat	gggagagtcc	aataccaaaa	aggtggtcag	agatccggag		480
ttgggcctga	ttccaaagaa	gggtcaaggc	caaggcctcg	agcttacgtg	tggccaccag		540
ggggcagcag	ggatcggggg	gtgcagggtg	cctttcctcc	ccgcctccac	tggcccatgg		600
gtcagaagtc	cagctcgggc	atcagggtgt	gcttgaccgg	gcagctgggg	gtctcgggtt		660
cctgtctgca	gatgtccccg	gcaacaccca	tcctgtcccc	atccccattc	ccactcccgt		720
ccctgtgtct	tgcctcccag	gctctctgct	gggccggcca	gtccagggtg	gcccagcggg		780
ggtcagggcc	cccgatgacc	tcgtccacca	ggtcgcagc	gtcgggcagg	ggctcgggtc		840
gtccacaag	gatgggcgcg	aagggtccca	ccagccaggg	cagcggcacg	gcctgcacca		900
ccagctccag	cagctcgtcc	acgcaggcgt	gcgcgtgggc	cacgcgaccc	cggccctcgg		960
ccagcgcggc	cg						972

<210> 8789  
 <211> 681  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (225)...(681)  
 <223> similar to gi451544 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8789

caacttgaag	ggaaaaagtc	acttacaaat	acctacatgc	tggttttttaa	gcaactctca	60
gtgtgggttt	ccgagggggc	tgcaaagagg	gaagtagtgg	aagaaccaga	gttctaaaat	120
gagggcgctct	agtaggaggg	aacaagtaag	ctctgcccc	aagctccttt	taaaaccaac	180
ataaatgagt	aacagaagaa	aaggattttg	ggtccaggaa	gtaggctcat	tctccataac	240
catcggaaag	gaagaggccc	aggcagcgct	ccacatcctg	accctagctt	ttaacaccat	300
cgttttgagg	agaggagagg	aggaacgcac	ccacagttag	gtctccaccc	aacacttctc	360
cgaccccgag	ttcagcctgg	cgcaccttcc	ttcccaaacc	cgcctctccc	gcctcggaga	420
ccccctctc	ctccctgcca	ccaaaggcca	cgcagccccc	atctagccag	tcctcacgga	480
ccctggacca	agacgcgcct	cctggaggcc	gagactgccc	gaaaccggc	ccctgcgtcc	540
accgggagcg	ccacactctg	gcagctgacc	ggcggctgtc	gccgggggta	aggttaccgc	600
tccgcttccg	cggctggcct	gcgacccggc	cacctgcagg	gcctggcagg	cgcccgaact	660
catccccctc	ccgcggcccc	c				681

<210> 8790

<211> 987

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (53)...(990)

<223> similar to gi2760483 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8790						
aatcgaagat	cattagtcag	tgcgggtgga	ttcccagaat	gaagtgtgga	tgccacctcc	60
agcctgcagg	acggagcccc	ctcccatcat	cacacagtgc	acctgggctc	tgagccccct	120
tgccctccatt	gcagccgcag	caagaggcct	ccacttgtcc	gtcagggacg	ctccaaggaa	180
ggaaaaagcc	gcccccgag	aggggagacc	actgtgttct	ctgtgggcag	gttccgggtg	240
acacacattg	agaagcgcta	tggactgcac	gaacaccgtg	atggctcccc	cacagacagg	300
agctggggct	ctggtggggg	acaggaccca	gggggtggtc	aggggtctgg	gggagggcag	360
cccaaggcag	ggatgcctgc	catggagagg	ctgccccctg	agaggccaca	gccccaggtc	420
ctagccagcc	ccccagtaca	gaatggagga	ctcagggaca	gcagcctaac	ccctcgtgca	480
cttgaaggga	acccagagc	ttctgcagag	ccaacactga	gggccggagg	gagggggcca	540
agcccagggc	tgcccactca	agaggcaaat	gggcagccaa	gcaaaccaga	cacttctgat	600
caccaggtgt	ctctaccaca	gggagcaggg	agtatgtgag	tctccttcat	tgtgctgatg	660
gactaccagc	tggcagggcc	aggggtgagg	tgggcgtgaa	agccctcccc	tccactggac	720
agcactgccc	cccagctgag	ggaccagctc	tacttccacc	tggagttgca	cagtctcagg	780
ctgggggcct	caggagaggt	cacagccctt	cagtctcttc	tccttcccct	gcctgcaaca	840
ggctgcctgc	cccgccttcc	ccaacacctc	gtcccatatg	atagagcgtg	gcagctggga	900
gcaggcccc	gcccgtgggtg	ggcccctaaa	gcaatagcac	cgtaggcccc	ctgccctctt	960
agcacaagag	gcccaggccc	tggcctg				987

<210> 8791

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (270)...(727)

<223> similar to gil19923 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8791
gtcgggggaat tccacggaca gacgcagacg gacacagcga catgccccag acacgttaag      60
ggactgggttg gccaaactca gacacgtgga cagggataga cagaaagaga cagaagctgg      120
ggctacgtcc atgtggacac agaccacaga tgtgggcaca cgaatccatc cacctgtcca      180
cgtgcacacg tgaatgtagc gatagatatt tggacatcaa atttggacac caggtcacgg      240
agaaacacaa acaccacca ggaacacgca gacatatgcc catagcatcc cacaggccca      300
ggcaggaggt cccaccccag accctgcccc agacgctccc tcaccctctc ggccccctcg      360
ccctggcccc caggttctct gcagagatct ctctggacc cccagcggtc tccttggcgc      420
ccacgaacac aggcgtgcac acgcagcgca catgcattga gacacacgat acctcgttcc      480
accttggcgt caggttgggc tggaggcagc ccccccccc acaacacttg aggccaaagg      540
acacccctgt ccccggggct cagcctcccc ctgggcccag gccttggccc acacagctga      600
gggagaggcc cagccctgag cctccccac caggactggg cctccccggc agcaagacc      660
cggcactccc cgccaggccc aggttggggg agatgggccc aaaggcccag cccacactc      720
ctttccc
```

<210> 8792

<211> 1862

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (831)...(255)

<223> similar to gil336628 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8792
cgtattttgt gggagaggat atgggggtat tttttcccg gataaaaaag gtttttttta      60
aaaagggaga aatgaagaat ttttgataga taggtgtttt taaaaatgcg ggagttagtt      120
attttttata tacttctttt ttgaaggaaa atattagttt tgtgattagg gtaaattgggg      180
gggcccata gaggtttttt aaaaaggggg cctttttttt tttttttttt tttttttttt      240
tttttttttt tttttttttt tttttttttt ttgccacttt tgtattttat tgtggaactg      300
agtttttttt tttcctttac atcaaatact ctcaatggaa gaggggatat tgcacacaaa      360
tatcataaaa gcactacata ttactttcac tggaaactaa ttttctacat tagatatgac      420
tggataggat agaagtgatg caggattata agacataata ccatacacag ctgcagactg      480
acacaaacac cattcagaac aagagagagg agtgtgaagt gcttctcagc tgggctcaag      540
accacttctt tccagtgtct gaaagagggg ctgcatgcag ttagggaaaa gcgtgtctct      600
gaactgccac aggtgtttct cgaaagggca gcccggtctt gatgccactt ctccatggct      660
cctgttttgg ggagctccaa acaagtgcag agaagctgcc tattttttcc cttccttttc      720
```

```

agtttttgat gctgccttta aaaatcaact tcatgaagtc acagattttt taacagtaaa 780
tagttttaat accaggtgaa taacctaat gctttcaaag aaatgctcat ccctaggctg 840
cttttggtgt attgttcagt tgggtaaaaag ataaaagctt acagttcctt tcaaattggaa 900
acaggatcctt .tttttttaaa tctgaagcac aaaaaaaaaa agttattatc ctaactcaca 960
atatcattac tgagcaggaa cctcctgtga caggtgacta aagagaggca agaaaagcaa 1020
attcagaatt gtagagcagc tcctaagagc tgaaatttgg taacagaggg aaaatgaaaag 1080
gtggtaagat ttccattagc aaatgattaa atcttaatta aatgagtatt ggaaagctcc 1140
tagactgcat aagctattgg agacacttaa aacattcata tacctgggg aaaccattca 1200
ctatgatatg taacgttaag aaaaaaaatt tttttgaact ccatggaaaa tgggtgtttaa 1260
agaggggagg aggggaagtt agtcattgta tccagtccca ccacaagact gagaaagcat 1320
gcacagggct caggggtttg agaaagggga cagaattggg taaaattgaa aatggaggat 1380
catcgctaac atttagtctc tgtagaattt tgtttaagaa tactaccaa aaggtcatga 1440
tcatgagtgc tatctcgata gaatcccatc atttaaacag agtgtaaatt ccttccactc 1500
aaatattcaa tctatacaat tggattaagt aatcagtatg aacaaagctc ctagaagtct 1560
gtgtcgatct ttagctctcc ccatgaatgt acatggtaca ttgtgatggc tgttactaaa 1620
ctaactgtgt atttatggaa ctagcaaaat taggttagtc acacaggcag gaaagggtgc 1680
tggaaggaca ggagcaacct gtaatgcgaa tattgggtttt cttggtatac tcaggctctg 1740
tggtcattat tgagaacaac ggatggagaa aggtactgat agatttcata ggaaaaagag 1800
ccaggctgac tagtgacagt tttacatat ttttccatt aaatcccata gcaaaaaaaaa 1862
aa

```

```

<210> 8793
<211> 2297
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1727)...(2297)
<223> similar to gi200545 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8793
ttttttgaag ggcatacctt tattccaaag ttgatcatta gtgaggggga tttttacagt 60
cttctttccc tcctccctca gctgcctcct ggtagagat gctaacaaga attacgatgg 120
tcctaagata ctggaggaag taaaaaagtt gaaggcccta catatttttag ttcacgtttg 180
gcattttcttg gtcttttacc tatgtaaggc aaggagaaaa agacatgaaa tttaaattac 240
agataaacac aagtgtatta gtccattttc acactgctat caagaattgc ccaagactgg 300
ataatttata aaggaaagag gttaaattga ctcactgttc cacatggctg gggaggcctc 360
aggaaactta caatcatggc agacagtgaa gaggaaccaaa ggcatacttca caagggtggca 420
ggaaggagaa tgaacacagg aggaactatc aaacttataa aatcatcaga tctcgtgaga 480
actatcacia gaacagcatg ggggaaccgc ccccaagatc caattacctc cacctgatct 540
ctcccttgat gtggggatta tagggattac aattcaagat gatatttttag gtggggggcac 600
agctaaacca tatcctacaa ggaatgactg aaactaaaga tactaatttc ctttcccttg 660
gttgggccagg ctgtcgtctt cattactgac taatagagac caagcagggt gggttaattcc 720
cattgccttc tagtgctttc caatgttggc caaaatgttg cctccatttt aaacattcct 780
cctgggggaag aatgtctttc tatcatacga taaggagaga gagaagagga agcaagagaa 840
aagtttaaaag tgtgttacag aagtttccaa ccacaggagg agcaaaacac caaagaagtt 900
gtagaataca ggggtgtggtg aagagttgga gccccaggcc gtgctgtctg agaaggcatg 960
ccaagccaag gttcaggctt cctaggacca tgtcctgccc ggagaagcat tccagtcctt 1020

```





cttggccctt	cggattctgg	catctgtagg	gactggagtt	cacctgtaga	cgggtccact	960
tcttttgaag	acagatgggt	ccagtcacat	tctcctctg	aacagttatc	cgactccatc	1020
tggtcctcag	ggcgccctc	ggactccaag	gcatcttcc	tcatctgctc	cgccagagac	1080
tgcgtggcgc	cctcaacatt	cccacccggc	ttgctgggg	cagagcagca	gctgcttggc	1140
tgtgagctgc	tcttctctc	tgtgctggaa	ctctctggag	agacgggggt	caggcggtt	1200
cttttccctc	cgtgctccac	atcgatatca	acttcaatgc	ccagagggct	aagggcagct	1260
gccacactct	ccccaacgtt	cttcaggaaa	ttcacactcg	gacccctccga	tggaccagaa	1320
gctgattctg	ccgtggggcc	agggcgggcc	tcccctgcac	gaggaggacg	tgggctccag	1380
tttcctggtg	gacccatttc	ccatcctggc	cacccgaagt	gtccgtgttt	caccttccgg	1440
agccagcggc	tgtgcgagaa	gccctcagac	aggtgcccga	aggggctggg	gaatgcgagc	1500
ttgggtgtgc	cccggtgcaa	gccctttccc	tcgcagacgc	tacacaagtc	gtagtctggg	1560
cagacgctgc	acttgtagcg	ggttcctacc	acaggcccat	tgagcccatc	gcagatcaca	1620
ttgggggtgca	ccatgttgcg	gggcgcctcc	tgagcacacg	gtgggcgggtg	gtcccgcggg	1680
cactcttttt	tctctttaat	gtagattcgg	aagatgtcat	ccttcacgta	ggacatggcc	1740
attgtcaatt	cctcgtcact	ggaaaaggca	accaagtccc	cgtcctcatc	gcggtagtgc	1800
gcctggaagc	cgccaggccg	cagcgcgggg	aacaggcgcg	ccaccgggct	cagcagccgc	1860
tcgcagggtc	ccggaccgcg	cgcagcctcg	gcttcgcctc	caggctcggg	gctgcagcag	1920
aagctgaagc	ggcgaatctc	gcgcgcgcgc	tctccttgc	ccagaaggta	ggccttcaag	1980
gtgagcgacg	ccatagcgag	cggcgagctg	gcggaaaatg	ggcgtcccg	gtcgcagccg	2040
ccgcgc						

<210> 8795

<211> 628

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (327)...(629)

<223> similar to gi5726236 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8795						
agattttctg	gcacctcagt	ctggacaacg	ctgttcatgc	tttcccttcc	tcccttccat	60
gatcaccttg	tttcttttaa	cccctctttg	cccaaactaa	aatgctttct	tactctgtg	120
gaattcagac	ccatcatttt	acttcgcatt	catatttcat	aatctacttt	cataacactt	180
tgctaactgt	acttacatct	tctctgcagg	aggtgggaat	ttgaaaggga	aagtaactga	240
gcttttgcta	gacttagaaa	aacttctggg	tgtagtagag	atccttggtt	gacatgggga	300
caaaggcgag	catcccaaag	gactccccac	taggggtgtc	ttaaggcaat	tggagcaaat	360
tcaaatgaga	tggctcaaag	aaaaagaaac	aattttcttg	agagaacaag	aaatttggcc	420
tgaaacttgt	tctttacatt	atcatactat	tttacaattg	gacttattca	gtaaaaagga	480
aggaaaatga	ggagaagtgc	cttacgtaca	ggcttctatg	gccccctacc	aggattctga	540
cttaagagtc	aactgcagga	tgtgtgtggc	tcattgttact	tacaggcacc	aagaaaccgc	600
gtgggatatc	ctcgatgctc	ccttctctg				628

<210> 8796

<211> 2949  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1531)...(2949)  
 <223> similar to gi930045 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8796

ctgggaagcc	aaggaagcca	aaccacagcc	tcagcagcaa	tcggacccag	aacagtctga	60
acttagtggc	tgccagcttc	ttcccaatcc	ccagccacca	caccccctct	tccaactcca	120
gaccaaccag	agaaagccaa	atatacccc	ccaaccaacc	aaagatgccc	ctccagttag	180
tcgctctgt	ccccatgcca	acaatctcca	atcacagcac	accagagcc	ttcccttttt	240
ttccactata	acatttcaca	gtccctgcct	gcctttgacc	cctgccaaat	acaagcaatc	300
atggctgact	cctttgcaaa	ctttgacca	atggcctctc	tgctcttggt	taggtgggtt	360
ttattttccac	atctccaaca	gggagtctgg	aaacaaactg	acaatactcg	tgaaatcaac	420
accagatga	ggtagaccag	cactccagga	tgcccctccc	cagtatccct	cccctgtaa	480
ctgttcccct	ggcttctaac	accatggatc	agttttgctt	atctctgtac	tttttgtagg	540
aagagaatca	tacaatgaat	tctctcttga	tgatgaggac	tctgacctct	tttgcttgac	600
ctcatgtctg	tgaaatttat	ccatgttgct	gtgcatagcg	atattttcat	tcatattcgt	660
tgctgtgcag	tagtattcga	ccctgtgact	tcactgtagc	ttcaactgtg	gatggacatt	720
tggtgtggtg	gatggacatt	tggtgtgttt	cagggttggtg	gctacagtca	gcgtgtggtt	780
agaaacattc	ttgccaatgt	ctcgggtggac	atagctttct	gtggtgtaca	taccaggag	840
tggaactgct	ggatcagttt	atacgtatgt	tcggcttttg	gtagatactg	ccagttttcc	900
aacaggggtca	caccagcttg	gtccattcag	gttacaatga	aacaccttag	cctgggtaat	960
ttgtaaaca	caaaaaatta	tttctcacag	ttctagaggc	tggaagtcc	aagatcaagg	1020
tgccagcaga	tccagtgtcc	agggcgggct	ctctgcttca	gagatacggt	gccttctcac	1080
tgcattccaca	catggtagaa	gggacagaag	ggctccctca	agcctgtttt	ataaggtgct	1140
aaccccatte	atgatctcca	ccctcatgac	ctaaccacct	cccacaggcc	ccacatcttt	1200
attatttttt	tgagatggag	tccctgttgc	ccagcatgcc	tggaacctca	acacttaata	1260
gtgataataa	catatatcca	acccttggtg	aatgccagga	ctcatcctaa	gacctacatc	1320
gataaactcc	tttaattctt	acaacactgg	gaaatatata	tatatactta	tcctcctttt	1380
acaggtgaga	aaactaagg	acagacagat	aaatcccttg	cccaagggtca	cagagctggt	1440
gagaggcagg	ttgggacgca	ggcctaggct	gcctgtgctg	cagagctgca	cccttgacca	1500
ctgtgcactc	tgccctctcat	gcccctcagct	ctaccagggt	gggcaggaga	gagatgggag	1560
aagcagtggc	cacttgctct	gggccaggca	cttggcaaac	acctgtaggt	tcaatctcag	1620
aagaacccag	tgaagaatga	gccagatact	cactgtccac	gtggagaagc	aagaccagaa	1680
gtctgacatc	tgccaaagcc	acacagcccc	ggaagtggag	gagctgaaat	ccaaacctct	1740
gcctgagctc	tgcccaccag	gtgtctcctc	cccagcccat	gtagggagct	gaagagaatg	1800
gagaccagag	gggagggaaa	gaggaggctg	gagaggagct	ccacagggtc	tcctcaggcc	1860
tgacagctgc	ccctggcttc	cctgagggtc	acaggaacct	ccagaccttc	ccaggattgc	1920
ccagcagggg	agggggccca	gtggggcagg	aactcaaggc	agttgggctc	ctggagagca	1980
gccaccctgc	cgctcctgcc	tgcttcaatg	caacgggtctc	aggctgggct	gccaggatgg	2040
gaggcaggtc	ttgtggagtc	gcccacacac	cacatacctg	ccctgaggcc	ttcagggacc	2100
aatgcaacag	gagaggcatt	cccaagcacc	acatgttcca	gtgggtccctc	ctgctccacc	2160
tgggccaaca	gggctgaggc	ctggaggagg	aagctcctct	ggaggacatg	gatgataacc	2220
tgatttgcca	gtggggaagg	tctggagcac	tgggggcagc	ccaggaccca	caaagccaag	2280
gacggggacc	cacacaaggc	accgtgggga	cagagatgct	gctctcagga	cttggttcag	2340
ccaaggcatg	tcctgctgcc	aggcctgcag	tcccttaact	cccctctgac	ccagcctcca	2400
caatcccca	gaaagggaca	aggggcttcg	gagagggggc	aggtgtactg	caggaacgga	2460
acagatgggt	ggtgggaaga	gcccagggtc	tcactagtgc	agacgccgcc	ggtacagcac	2520
caccaggagt	gtgactacca	gcaccctgt	cacagccacc	tgagaccaca	gagccccagg	2580

tgagggcctg	tggcatggca	cctccctctc	ctggaacttc	cggtcggctt	gtggcctggg	2640
gccgccatcc	gggtccgcag	gtggcccagg	gttgccctcc	aggagctgga	tgctgggggtt	2700
ctcagccacg	tggatcccaa	aggtgccctc	ggacttatac	tcattctcct	ctggggccatg	2760
gcagggcccc	atgcccaagg	aggtgctggc	actgatggca	agatcctccc	agcagcccga	2820
gaacgggctg	tctacctggg	ataccagcac	gccaggctta	ctcagctccg	cggacgcgta	2880
gtcgaccggg	aattcggacc	ggtcgtgcgg	cgtacggctt	cataaggttt	caaggggggg	2940
gggggggggg						2949

<210> 8797  
 <211> 1318  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (818)...(154)  
 <223> similar to gi4580999 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8797						60
tttttttttt	ttggctctta	aggggtcttta	atggtttcat	tttgtggccc	ttccccccaa	120
ccctggtgac	tgtcccagca	agcagtcagt	agagggtcccc	ggagttcagt	gggggcctgg	180
agatgtcgga	cttgtgaggg	aagggccact	ctccccctgt	aacctctggt	ggctgctagg	240
tggaagctgc	agcaaggggg	tcccaagtgc	agggcctctg	ggtgctacac	atctcacagc	300
cagggcggtc	tggggcattg	atgaaggtgc	aggaaggaca	ggaccagctg	ggctggagtg	360
gactgggcag	gctggaggca	gctggctggg	ggcctggggg	tagccccaat	gatgggggaa	420
acaagcgtec	aagttccccg	tccatcttct	gggggtgctg	agggttaggt	cctgtggctg	480
gggcttctcg	aggagctgac	agcaagtaga	ggaaagcagg	gtccccatcc	tgccgaaccc	540
cgtaagaggg	aaggctgcgc	tcaggcacac	acaggcaccg	tccgatgacc	cagcgttgca	600
cggctggcgg	gaaaccgagc	tctgagaaca	cctgctcctg	gagagctgca	acagtgcagt	660
gggggtggac	ctgcagggca	acgtgtgcag	aggacgcggc	ggatgcggca	gaggcagcgt	720
cttcaagtgt	gacctgcagc	ctgatggggc	caggtgggaa	gcaggcctcc	tgaagctgaa	780
cactcagggc	cacacgatgc	tgggccagga	cggctgccac	ttgggctgcc	cccttctcgt	840
ctccacctgc	aatagcccgg	gccaggctcc	ctgccagctc	ttctctctcc	gtcaagtttc	900
cagggctcct	aggaagatct	gcctcagggt	gagggccctt	gagtgtggag	gcttccgggg	960
gactgggcag	ggagacaggg	catgcttctg	ggcccaaggc	tggtggtgag	ttgctcttgc	1020
tgccattctg	tccttccacg	gtggcacctc	ggactaggac	tgccaccgc	tgagcttctc	1080
gagggttgag	gaagtgcagg	ctgaggggtc	cagggcctcc	tggtggaggg	tgtagctcgt	1140
gctgggtggg	gcctcggatg	gtgtaggaaa	ctgactcctg	cggccactcc	aaattaacgt	1200
tagagctggt	ctttgggggc	gaagggtcag	ggggcggaagc	accggccaca	actgaaggcg	1260
gacgcggcct	tttcgcccc	ggggctcggc	ggacgtagat	gcattccagc	tgcgactatc	1318
ccagcgcccta	acggcagctg	gacttcgctc	ccggggacctc	caatgggcta	ccacctcc	

<210> 8798  
 <211> 1598  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1128)...(1600)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8798
tatattaatg ccagatatag tatatttcag aacaaataaa ctaatcagag acagagaggg 60
agactatata atgtgcaaag gaccaatcca ccaactcctc gcctgacaaa ttcataaatg 120
tctacgcaag aacaactgaa agtacttaac agagaactag acaaatccac aaatacagct 180
gtatgcttca atgtccccct ttctcaacaa tttatacaac aaccagatag aaaatcagca 240
agaatacaga agaaccacaac aacacgatca accagcggga cttaaattgg caattttaga 300
acacccaacc acaccagaat acacattggt atgggatgca ttgtgccag ccccccaaa 360
ttcatatggt gaaatcagaa cattattagc cactagtgat ttactaatta aaacaatgag 420
aaattgctac gtacctatca gaatggccaa cataaaagtg tgaccacatc aagtgtgtc 480
aaggattcag agaaagtctg atcactcata cattgctggt ggggatgtaa aagattacag 540
cccactctgg agaatatctg tataattttt acttttaaaa ctctatgtgc aactaccata 600
ccacctcgga attacattcc ctgcatttat cacagagaaa tagaatctta tgttcacaca 660
aaacccatgt acttcaagtt tatagcagcc ttgtttttta tagccaaaac tggggaaaca 720
atgtatacac gacttttgtg agatgaatgg ttaaactgtg gtatatatcc acagcatcaa 780
atagtccctc gtaatttttt ttaaaaaaac aacaaatgat tgataccac aataacctgg 840
acgaatctcc acagaattat ggtgagtggg cgaagggtta tcccaaagggt tacatgtaga 900
attccattta agtaacattc ttgaaatgaa taaattataa gagtggggaa tagattagta 960
gttgccaggg gttaaggagg gaaggaggag cagcactgaa tagaaggggt cataactata 1020
aaaaggcaac atgatgaatc ccggtgttga cggaaatggt ctgtaccttg cttgtataaa 1080
tgtcaatctc ctggtactgt ggcatttgca atatttgcaa attttattta tttattcatt 1140
cattcatttt tctgagacgg agtcttctc tgtcgccag gctggagtgc agtggcgca 1200
tcttggetca ctgcaacctc cgtctcctgg gtacacacca ttctcctgcc tcagcctcct 1260
gagtagctgg gactacagcg tgcgctccac caccacgccc ggctaatttt ttttgtaatt 1320
ttagtaaaga cgggggttca ccgtgttagc caggctggtc tcgatctcct gacctcaggt 1380
ggctgcctg cctcgggtct ccaaagtgtc gggaatacag ggcagtagct accacacctg 1440
gcctggcctt ttttttttct ttttaaagac aggggttggtc tctgtcacc aggcagtgca 1500
gtggcatgat catagctcac tgcagcccaa aactcctagg ctcaattgat cctcttgct 1560
cagtcccta agtagctaga actgcaggta cagccac
```

<210> 8799

<211> 2715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (699)...(2564)

<223> similar to gi2317964 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8799

agctgcaggt	cagcccagca	gaagtggcac	tgctccgcc	agagtctggc	tcctggcagg	60
cgctgaggat	cagcagatct	gcactgccag	agcctgtctg	tttaccgccc	accccacctc	120
cctgctgcag	cgctagaaaa	agaatttgtc	ttccttgggg	aggaagatgg	gcccgaatta	180
gcagtggagt	cctgggcaga	aggtggggaa	acttggccaa	gaacagagcc	acggtgtcca	240
cgcaatcaca	ccattttattg	ctgtgctgtc	cggggaagac	accgtgcaaa	tgccaaagtg	300
cactgaggag	aggggagggg	ctgtgactcc	caaaccctcg	aatattttat	gaatctaaga	360
gtccagacgc	agttcatcca	cggagatctg	cgccccgtcc	acaccaacac	ccacgtttgt	420
gcacccacat	gtgcacggtg	ctcttcagag	cggcgaggtc	ctcccccgcg	gggaggaatg	480
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cccggctcc	cctggctctc	gacctctgcc	caggtgtgtg	ggacctgtg	agacgggttc	960
agaaggcgcc	agagagggaac	cagctggacc	tgagcctggc	tcctgggccc	gctccccctc	1020
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ggaagagggg	cttccccgac	gateccattc	actgtctcct	ctccatgggc	caagccatgt	1200
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tccttggcac	ctggcatgcc	cattccctga	aaccagctct	ggtgtggtca	acatgccgca	1560
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actcgaggga	agtggccctc	gaagaaaggt	cgctcgggct	catgggggtc	caaagggtg	2160
ggggtcagag	gccagcccca	ggaggcgacg	cgggagctgc	actcctggaa	caggccataa	2220
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ccctcgtggg	gcttctgcag	cagctcctca	aacagccgga	gtgtggtgat	gctgatctca	2580
tcagagaggt	ggtcaccaatg	cccgatgaga	tgagcataca	gggtgtgggg	gttgtccccg	2640
ggggcttcag	gctgccggtc	tgtgcccagg	aggaaagcca	cggcctcccc	cagcagcgca	2700
ggggagcgaa	gctgg					2715

<210> 8800  
 <211> 1669  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (746)...(1665)
<223> similar to gi386433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8800
tttttttttt ttgtagccca aggagtttag tctcctttgc tcagacagac agatctttat      60
tagtggttttc aacttatattt gtcacaaact tcccagcaag aaatgtctta cattgcaacc      120
agttctcaca ttttagatgta tgggtgaaaa gtttcacaaa acagtatttg cttttactac      180
atgatgcatt ctggcctact ttattctgct tcattgctgt gtaatgctgg tgaccacttg      240
ctaattgatt tcccatttta ctaaattgggc tgggaccac ggtctgaaaa ccctgcctta      300
ggctgcaagc atttctgtga tctctgcgag ctactccata taggtaaaca cacgcgaggt      360
aaactaggaa acagcttctg cttttgcaga ttagaagtga agttgacatc acgccaagta      420
cgaaaaggct aaacagctga caaaatttcc acttgagcaa ccctggggag cgcaaacagg      480
aggaatcggg gcaagggtga cttgaagaaa gcactggcag atcacgcact ttaaggcaac      540
tctacactgc acaatgtcaa ataacctagc atggggcggc actaaatggc tgcaggaaag      600
ccgagtcctt ttccacatcc ggcggtctcc ctcggtgctg agcgctggcc cagggtgtgt      660
ttacagaggt gagggcttcc cgtggacctt tctcgttggg agcgcttagc ctcaggagcg      720
gattcagggc acaggcagag gacgtccaca aacaccacag gaagccgcca cccaggggcg      780
tgaaaggcc caatgcctcg tctgggattc acggccggca aagcgcccc tccggaacgg      840
gacagcacag cggctcacct ctgcgcctct ggggggtgcg ggggagcctc gccctccacg      900
ctctctgggg gaccgccccg cctagccccg gcttgggctt cgcgggtgga cggttggggg      960
ccccggggcg ccccgagcgc gtagcttttc tccttctcgt gggctcttct gtgctcggct      1020
agggccaggc tgaagtggaa ggtcttccag cagccctgac aggcgtagcg cttccggccg      1080
ccatggctgc tgtggtgctc catcaggtgc gagagccacg cgaaggcctc cccgcactcg      1140
ccgcaggcat agggcttccc gcgggacaag cccggctcgt cagccccagg gccctgcccc      1200
gcctccagcc ctgcgctgct gccggagcta gagacgcctc cgaggctctg cccgtcccca      1260
tcctcggggg gcggcctctt ggttcccagt ttgcgcgtgc ccctgtccgg ggcaggctgc      1320
tggtatgacg actgcctctg cgatccgggtg gcagagtgcg actccgcgtc ctgggggtcc      1380
tgcggttccg gggccttccc aggtctctct tcctcctcct cagtgggtgcc cgacggggga      1440
tcggcaaggg cgtccccagg gggcgctctc gtaggcagct caggcagcac ccccgcgggg      1500
gcggcctcct cgcaggcgca cccagcgctc tctgcgcgcc tcccgccttc tgggaggctg      1560
cttccttggt gatctcttcc caccaaccgg agttcctcag tgtccagcct ggaggcagcg      1620
tcaggctggg aaagctgata cccccacagg agcagcttcc ggtagctct      1669

```

```

<210> 8801
<211> 996
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(997)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (604)...(996)

```

<223> similar to gi19390 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8801
aggaccgccc acataggacc gccacatgg gaacgcccac atagaaccgc ccacatagga      60
ccgcccacat gggaccgccc acatagaacc gtccacatgg gaccgcccac atgggaacgc     120
ccacatagaa ccgcccacat aggaccgccc acatgggaac gccacatgg gaccgcccac     180
atgggaacgc ccacatagga ccgcccacat gggaccgccc acatagaacc gtcctccagt     240
ggtgaagcgg aaacacttag ctttatccac cctccccact ggggaactggg cagcctgtt      300
gtgagtcccc tttcctggaa ggtgttttta tctggaagat agaatccaag tatttataac     360
tcattgtcag ccaaagtcta tcatgaacgt aggaaacttg atttttttgt tttgatcatg     420
gcctctacat gcacctttcc agagtgggtct cttctcaggc ccttttttagt ccctttccaa     480
agctgcccccc accaccctgc tcctctggcc tcagtgcaca gtggccccca gcctcgggcca     540
ggcctgctct gctcagcgcc caccgcccac caccctcct gcttccccga gcctgacctt     600
gttccgcccc ctggcaatca gggctgcgca cttccctgtc cacgggtcccc aggccttctt     660
gtcttgtccc ttttgatcat tattaactca gggtttcagc tnccaaacct cgctgagttg     720
gtgccagctc cgggtcantc cctgggggtgg ggaatcggat cattcctgac tcagcttata     780
ccttaatttt atttgccaga ggattctttt cctcaaaatg ctctggcatt tggacacaca     840
tcacatgtcg atatttgcag aggagtcatt ttcagtggaa taacattttt aatgtgtggg     900
tttacgggttc aaggaaactac atgatgattt tgaggaaaca cttgccagaa actaaattaa     960
cgaataaaaag atttccagtg cccgaaaaaa aaaaaa

```

<210> 8802

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (96)...(1349)

<223> similar to gi5420389 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8802
tttttttttt ttcgaggagg gtctgggcta gtttattttc tctctggagg ggtcttcagg      60
gagagcagtc ccggtctgctc aagcgggtgg gaaggagcgg ccgctcttgc tgaaagggtg     120
ctgggagagg tcctggtcac agtcggagtc agagtcccag gaggggagtg gagggctcag     180
gcactggtgc cccttgtggc ctcttaggct cgaggccttg ggacaggccc ccgagcacaa     240
agtgaggctg tctatggagt tctgcagcac gtgcacagca gaccatatat cactcagttc     300
cttctggagg tcatccttcc agcagccact ggctccctgc ggtatctctt cagtctccgg     360
acaggcggct gtctcatgac cctgctgctt catcttggtc aggattttgc ggcatttcac     420
ctgcgttttc tgcattttct gaatgttcac caagttctct gagatctcat cctcctgcgc     480
ttggagcttc tgatagatga aggtcacctc ctcccgacc agttccagct cctcccacag     540
gaacttcttg ctgtcccgga tctcctgggc cagcagctgc aggcagcgag tgggtcgggc     600
ccgctgcata tcctcactgt cacgcagggt cttctccagc ccctgaaggc cttgggtcag     660
ggccccatac agctcctgcc ggccctgctc catgccccac ttgtgctcct ccttctctcc     720
ctggcggcct gtggggctca gcacctcttc aagctgctga atcttgattt gctgcaagca     780

```



gctctccttc	tccaacatgg	tactgagtg	gttcaggaac	tcgaaagcct	tggctctgggc	840
ctgtaactgg	ctcttgagtg	actcaagttc	acatcgcagg	agcttctggg	agtcgggaat	900
catcacaatg	gtcttggtt	tgactttgga	agagctggtc	tccaagggtc	tcagattcag	960
cccatttggc	cccagcgct	ctgttctcgg	aatccgggtg	ctgcggattg	aggtcccggg	1020
tcctaacggt	gggatcgggtg	tcctcgggat	gagatttggc	gtttcctcgg	ggctttgggtg	1080
ggatcgggtg	cctcaggatg	agatttaggg	tttcctcggg	gctttcggga	tcttcaccta	1140
atatccggta	ttattttatg	agaggagtgg	tcttggtgtg	cagaactgga	tccttcgga	1200
ctagtgcaga	gcaaactctt	ccccttctac	ttccacatct	ccatgggctg	tgcttcatc	1260
aacctctgca	tcttggttc	acagcatgct	tgggctcagc	tcacattctg	ggaggccagc	1320
caggtacgtg	ggtttgagtg	ccacacgaa				1349

<210> 8803

<211> 1438

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (760)...(1438)

<223> similar to gi9447 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8803						
tttttttttt	ttccttgtcc	agtgtctgttt	attgagtcca	tcacagagg	caggaaagac	60
gccactcatc	acagagggca	tgtgggctgc	gggcaggggc	ttagggtcct	gcagaggaca	120
agtagctggg	acagcccttc	accccgacac	cccattggcct	ctgtgaggca	ggctgaggag	180
acaggacagg	gaatggccag	gtgcagaatc	tgcacagccc	cctgccgggt	cgcagatggc	240
caccacccag	caggccccctg	gcactcaccc	acaggcagtt	ccccaccca	cttccccctt	300
ggaccctccc	aaatcagggc	cggggagtga	gacccagacc	tggccccgat	ggcaggaggc	360
accctagctg	cttccagggc	caggaggggt	gggtgggata	cagtgaggcc	aaacaaggca	420
gaagcgggtg	cagtagtccc	tggctactgc	ccagcttccg	ggactccac	agctgggctc	480
agccttggtc	ctggcagtg	tgggctcaga	aatacagggc	tggctcgctg	cggaagtccg	540
agaggtcatt	ctgactggcg	ggtgtgagca	tggcctccac	gggcgggggc	tctgcctccc	600
tcgggggcctg	ctccagcgcc	tgctcctgcc	acttgtctgaa	ggccacagag	tgtctcgggg	660
tgtagctgga	caggcctgag	ctaccctctg	gcagccgaga	gctctcgggt	ctcacgctgc	720
tcacaaacgt	ggccccgggc	aggaagagtg	caaagggtct	ctcctctgag	ccggatccct	780
cttcctcctc	ttcctcttcc	tcctcctcct	cctcctcctc	ctcctggtgg	tcacacctt	840
cctcctgctc	tagggagctc	tcggaagggg	actcaaagt	ggtctgcagg	cttttgtcgt	900
tgaaggagat	cttcatcttc	tttcttgagg	agccagcctt	ggtgaggcag	gacttctgca	960
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tggcctgact	gaagtgtctg	tcctgcagag	tccttggtct	cctcttgggc	accactgtga	1140
aggtgttgct	gccccggggc	tgaagctctg	ccagcacc	gggcctggca	gggtgcagag	1200
gcctggcagg	gtgcgggagg	tagggtagtt	tggctgcttg	ggggcctcc	tccgagtcta	1260
cctcatcgat	gaaggtgaca	ggcagccccg	gcctcacata	ttccccgcta	ttcttggcca	1320
agccaggaac	cctgaggccc	tcagcaggct	cagcttcttc	cgaagcagcc	ggcaggaagg	1380
ggggcgggtga	ggacggcctc	ctcgccccaa	gctaggcgta	atgatggtca	cagatggt	1438

```

<210> 8804
<211> 851
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (371)...(811)
<223> similar to gi3980113 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8804
tttttttttt ttcagaatcc aaaaggactt tatttttctgg cactgggagg cgccctgagg      60
ccacagcctt ttcccagggc tgctggcagg gtcccagggc tgctggcagg gtcccagggc      120
tgctggcagg ggttggtggtc ctggtgagca gaggagcgac gccgctgccc tggccccgcg      180
tgtccctatg atcctgcact ctgggggtggg agctacatat catccttgga caccaggcag      240
tagaagtctg tgcgggcact gtagtttcgc gagccgagat ccgagacgtc cacttcgctg      300
ctccggtctt ctcccagcga gacccactg gtgtgcggtg gagctgatgg ctctccaaaa      360
acaggcccc ggacaccag gtcgccctca ggtgccgggt ccacctctga gtccagggcc      420
cgccctcag ggactcggcc tcgaagaatc agcatggggt ccttgctcgtc ctgcagctgc      480
gtctgggggt ctcttccac cggcctgtac cgcaccttc gcggcagcgc cagctgcact      540
tctttccaaa aatcggagga aggagtcacg gagccggggc tccagagcag caaggtcacc      600
aggtggcggt gctggcgag caggcggagc gccgggtgcg cggggtcgcg cctctggccc      660
tcgaagggtg tgaagatggg tctgcggtg agctccagca gccggcacag gccctccctg      720
cggggcgggg ccgtcagggg ggtgggtgct acgctggggc ccaccaacc ccgcgcggga      780
cccaccggaa gctgtggctg caccaggccc ggctcaggaa ggcgtccgaa agcaccacga      840
tgaggcgtcg g                                     851

```

```

<210> 8805
<211> 1058
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1051)...(1058)
<223> similar to gi453373 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8805
tttttttttt ttgcataaaa tactgtttat tttgtccttt aggaagacta aagtagtcca      60
gctcccctac agcccagtct tgccccacc ctgcactctg tcgccttagt tcctggggac      120
caagcatctg gcattttctca agcagacct ctcttggtg ctcttttca gtccctggag      180
tctggcttcc caaagccaaa gctggaggag agctcattgc tgaggaagca gggttggagc      240
ctgaggagat gcagagggcc tggaccctc gctggatccc agaggcccag gggcagagat      300

```

gctgggacag	ggctctaggg	gaccactggg	tgactcttga	ggggctagaa	gcagggctgg	360
gtgacttttg	ctacggtggg	ctgcaacact	gtctggcttc	tcaaagcgct	tgccgcagaa	420
ttcacagggg	aagcgcaagg	cagccaccgt	ctctgcatgc	ttgcgctggg	gccagttcag	480
ggaagccttc	tggcggcagg	taaaccgcga	tatctcacac	tgcaagggtt	tttctccagt	540
gtggatacgt	ctgtggatga	caaggttgct	gctagtgcgg	aaagaccggg	cgcagaactc	600
acagatgtag	tcccgggtgt	caactgtgcag	cttcatgtgc	tccttcaggt	gtttcttaaa	660
gttgaaagac	ttcccacagg	ctggctctgg	gcaggagaaa	gacttctggg	ggatgtgctg	720
gtactttttg	tgggtgctaga	gaaggaagtg	ggtggtaggg	agagaagagg	caaaagcata	780
gccaccttcc	acggagagat	gaactgagct	gaccggcag	gcatgctcct	ctgtcccctt	840
cctggcccct	gtgcccagc	agttctccct	gtcatggcct	gctcgtttcc	ttgaggatca	900
gtcctcacct	acaccatgag	taccacaccc	atcccatacct	gaccactcaa	ctctcctgtc	960
acccaattct	gtgctttact	tccattatct	cacctccttg	tcacactctc	accctgcaat	1020
gtcctgcaat	gttccctgta	caaagtatca	ctctgggt			1058

```

<210> 8806
<211> 462
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (36)...(431)
<223> similar to gi451544 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8806						
ccccagggtcc	gcacggtcac	cagatgcccc	tggtatattt	agggagggga	ggaagctttc	60
cccttacagg	gtgagcctac	ctgtccagtc	accaaggttg	aggggggggt	ccgaagcccg	120
cccccccccc	acccccagct	ggaggcccgg	tccacccagc	cagccagccc	agcactcagc	180
atccccggcc	caccagcca	gccagcccag	ccctcagcat	ccccggcccc	gtcaccagc	240
ttctcaatca	tgtccgcag	catctgatcc	tcctcttggt	ccctgaaacg	ggaccagatg	300
gccatgagcg	acaatggcaa	tggcaagggtg	ccctggaggg	gcctccggac	agtctccagc	360
agtggcaccc	cagccctgag	tccgcctgg	acccatgccca	cctgcccctt	cctgctgacc	420
tcgagccggg	tgaattcctc	cacactgcct	acgaatctca	aa		462

```

<210> 8807
<211> 2855
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2626)...(2855)
<223> similar to gi288145 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8807

cccaaagcgg	gacaggtcca	gcggttggtc	tgtgtgaagt	cgcgcggtt	ccacccacgc	60
agtgttctaa	gtgaaggcca	gaaactcgct	cgccatgtcg	gctgcagagg	cggggggtgt	120
tttccacaga	gccaggggca	ggaccctggc	cgcgtttccc	gcagaaaagg	aaagcgaatg	180
gaaaggccca	ttctacttca	tcttggggcg	agaccacag	tttgggctga	tcaaggcctg	240
gtccactggg	gactgtgaca	atggcggtga	cgaatgggaa	caggagatcc	gtctaactga	300
gcaagccgtc	caggccatca	acaagctgaa	ccccaaaccc	aaattcttcg	ttctgtgcgg	360
cgacctcatc	cacgccatgc	cagggaagcc	gtggcgagcg	gagcagacgg	aggacctgaa	420
gcgagtgtct	agggcagtgg	acagggccat	cccactggtc	cttgtcagcg	gcaacctatga	480
cattggcaac	acccccacgg	ccgagaccgt	cgaggagttc	tgccggactt	ggggagatga	540
ctacttcagc	ttctgggtcg	ggggcgctct	gttcttggtc	ctcaactccc	agttctacga	600
gaacccctcc	aaatgcccc	gcctgaagca	ggctcaggac	cagtggctgg	acgagcagct	660
gagcatcgcg	aggcagcggc	actgccagca	tgccatcgtc	ttccagcaca	tcccgtgtgt	720
cctggagagc	atcgacgagg	acgacgacta	ctacttcaac	ctcagcaagt	ccactcggaa	780
gaagttggca	gacaagttca	tccacgcagg	tgtcagagtc	gtgttctcag	gccactacca	840
caggaatgcc	gggggtacct	accagaacct	cgacatgggtg	gtgtcatctg	ccattggatg	900
ccagctgggc	agagaccccc	acgggctccg	agtcgtgggtg	gtcaccgccg	agaaaattgt	960
tcaccgatac	tacagtctag	atgagctgag	tgagaaagga	atagaagacg	atctcatgga	1020
tttgatcaag	aaaaaatgac	gtccttcccc	gttcccgttc	acttttctact	tgcactattt	1080
ttttattttg	ccagaaacag	cagctgcaca	caacctcttg	ctgaaatata	aaaatagccc	1140
aggcaggttt	gtgaatttat	gtccttttgc	ataaatcaga	gagctggggc	cctgtcctga	1200
attatattca	aaatagaact	gcatttcctt	taaaatggag	cgaatgatcc	tggaaatcag	1260
tttttaaaat	attagactat	ctctgcatgg	atgtttgaat	aaattctcct	aatgctgtgt	1320
ttctcaactc	cacttttgaa	ttggattgta	ttctggttag	catatggtca	aagtctgcct	1380
atcgacctca	attccaatct	gacagccaag	tatgatcttt	gataattcct	taaacaaact	1440
acacctgatt	gtattaaatt	gtggctacga	ttcccaaaac	gctaggcaaa	acaaagttca	1500
tctcctttcc	tttccagcgg	aacgaacagc	tgtctgcctt	gttgtgagag	ccatgcagac	1560
ttattttgac	aaggagccaa	gtaggcacca	tttactgttc	aattctgaga	cttctgatga	1620
taggaacaga	atgcagttga	tacagctcgg	agcttaaat	tgccttctctg	ggtgcctaga	1680
aaagtcacct	ttgcacataa	attggccatt	tctgaaaatc	tctccaaga	gactgaaacc	1740
aaagctctaa	aacgccgctt	cttcagtctc	tggggagcac	gttgagttgg	ttcacatcca	1800
cattctggct	gtgtagccac	tccacagatg	gggtgtctct	tgggatcaga	atgccccctc	1860
actcatgaga	ctcttcattt	tgtccacttt	gacaggaaaa	gtgggaatgt	atgcagagct	1920
ctcaaaaagaa	acaaaaaagg	ccaaaaacgt	gccttcagcc	acatcctctg	aattggccct	1980
gacttggact	aaatgcacta	atgcaaaatc	ccttgacaaa	agcgcatagg	ttatttcaaa	2040
ccagcattgt	tttttatgta	acctgtttta	cgcacatctc	tcagcagctt	ctgaccactg	2100
ctcaattttc	tcctttacag	ccattgttct	ggtggacaaa	taacctaggt	actccaaatc	2160
ctggcaggaa	aaatatacag	cattatgaaa	cagcactcag	taatcctaaa	atgatttcca	2220
aagctggtta	cacatgacct	gcaaagtcta	ttaaattaaa	agactttctc	attacagagt	2280
ttagtcaacg	tagcaaaacc	atgggaaatt	aaatgggaaag	ataattaaat	atgtaaattc	2340
ataaggaaca	aaagacgaga	agttaattat	acaataggct	ggtgacacca	gagttcattg	2400
ttatgtgcca	caagaaaatt	aaatttttta	aaaaactaga	acgtctctct	tttagtgttt	2460
tgtgaaatc	ctgttttgta	tttgtttctt	tacaacaggt	gtaggtatag	gaggtcaaga	2520
aaaggagttc	ggtaaagggc	atagctaata	acaaccacac	attgggcccag	gcgcagtggc	2580
ttacgcctgt	aatcccagca	ctttgggagg	ctgagacggg	cagatcacct	gagatcagga	2640
gtttgagaac	agcctggcca	acatggtgaa	actccatctc	tactaaaaat	acaaaaatta	2700
gccaggcatg	ctgggtgcaca	cctgtaatcc	cagctactcg	ggaggctgag	gcaggagatc	2760
gctggaactc	aggaggcaga	ggttgacgtg	agccaagatc	atgccactgc	actccagcct	2820
gggcaacaga	gcaagactct	gtctcaaaaa	aaaaa			2855

<210> 8808  
 <211> 1014  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (243)...(960)  
 <223> similar to gi3044086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8808
tgccacggag atcacgtcca gcggcttccg cctgggctgg ccacccctgc tgaccgcaga      60
ctcgggctac tatgtgctgg agctggtgcc cagcgcccag ccgggggctg caagacgccca    120
gcagctgcca gggaacgccca cggactggat ctggggccggc ctcgaccggg acacgggacta    180
cgacgtggcg ctagtgcctg agtccaacgt ggggctacgc ctggcggtta ccccgagct    240
agccccggcc ccatccccgc ccagagccgg gcgttcgtgt ggggtccgtgg gtgataattg    300
agagcgtcag acccaggact gttcaggagg gagccccggt cagactccca cgtgtgaaga    360
ccgggccccca agtggaagg gctggcctgg ggcgggcagc ttgggtcctg gacgttgata    420
ggaagcggaa ggggaatcgc gggaagctgg cccaggtcag gtccgcaaag gcttctgaag    480
aagaggaagg gcgagtaggg gcacctggac gctgatggtg gccaggatgc tcagctggcc    540
aggagggcag cacctgctgg ggacgggtggc cctgccttca tgcccaggac accagctggg    600
tccagctagc agccactggg aatcagagga atggggcaga gctgggcatt caggaccttg    660
aggacacgtg accccacccg cccaccgcca ctatcaggcc ccgggaccgc actgacagga    720
aaccttccgt cgtgaggagg cacttcccag gggccgcagg gacgacactc tccagggagg    780
ccccagcaac cacaccatct tcttgctgtg agaggtctca ccccgggcta cctcctgtca    840
ctactcactg ccctggggtc cgtgggcaag ttgccagggg tgggggtgcc tagccagggtg    900
cagtccccgc cccgcctagt cctcggcgtc acgcaatgct cacctcgcct cttccccact    960
aacatcccag actttaaaat tcagtaaata agatgtacac cgagaaaaaa aaaa      1014

```

<210> 8809  
 <211> 438  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (12)...(436)  
 <223> similar to gi433707 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8809
caatgatgtc cttggtccct gtggtggaat tcgtctcatc cagcggtgc ggaactgggc      60
gtccgggggtg cgcggggagg acagggctgc accatggggg gcttcggggt ccgtgtgtcc    120
gggacccgct cctgtctctc acctccctcc taagccggga cccttcgtc tccccgaatc    180
tccctgggaa cccccagcta gtcacccctt cagccccgga ccctctcctg gcctgggaac    240
cactcaggcc tgggatttcc ccagtccccg accttcttag ccttggatct gtggggcccg    300

```

actctggctt	tgctcttcac	ctgcaggacc	cacatccgtt	tccccgagt	ttcatccct	360
gccttccctt	aaaatgcgca	tccccggacc	atccctggtc	ccttgccctc	tcctttcctc	420
tctcctgggg	tgccttgc					438

<210> 8810  
 <211> 1266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (485)...(1202)  
 <223> similar to gi3044086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8810						60
tctccaaga	gtcaaagtag	gtaatggagg	aagaaggatc	tgaagacgca	gggaagtgcc	120
caggccccc	cagggaggat	gaaagcagcg	gtgcctgcc	cgcccgagaa	gcaggctcca	180
actctcgtgc	tcgtcagcag	ccgcactgct	gcctgctttg	tcattttatg	cttatgtaaa	240
aaaatacttt	ttgcaagaaa	aatctacagg	tacaaaatgt	catcccagcc	ccatacagta	300
ccaagtaata	tataggcata	tatatatata	tatatattta	tgtatttata	acagaaaatt	360
ggatagaaat	tattccaggc	atatgggatg	tggttcccc	gggccagAAC	cacgtagggc	420
agaggagccc	tgcctccaa	gtgtgcatgc	ccaccaaagg	gacaggggct	ttcaggagtc	480
acaccagatc	acgcttgga	cctttttaga	gcctggctga	gccacccttt	ccagagtcc	540
agtgagcagg	gggcccctca	gtgcatcttc	cccacctccc	ctgcttccag	ggacgctggg	600
ctgcagactt	cgcagctgct	gccacatggg	gttggagcct	ccaacagcat	catccctgag	660
tagacctgg	ccactgagtc	ccacaggctg	gctctctgca	gcctttccct	gcaggctcacc	720
accctctaca	ggcaatggca	aggacgcgac	atcacaggta	gacagcccac	atcctctcat	780
ccttccggtc	tcctggactg	gagttgtccc	ggtgccctgg	agaccagtc	actgccacct	840
ctcccctgcc	tggactcagc	aggggaaaga	ctggaggccc	tgtcctgcc	ctttggctct	900
gccagcacc	ccgaccagcc	ctatatctcc	tcctccacct	tcaagatcat	ccctgagaag	960
acctcgagcc	ccgagtgggt	gcccttgggg	ctgtcctggg	agcctccagc	aggccctgg	1020
gccactccac	tggcaggact	accgtcctgg	agtgagggtg	aggcttccc	ggtagggcgt	1080
gcttccacca	gcctctcgag	ggtccggttg	agggcctcca	cgccatcggc	cagacgctgg	1140
ctctgctcgg	ccagccgctg	cagcagcagg	ttttgctggg	ccatgagtgt	gctctgctgc	1200
tgggcccagg	aggacagcag	ggcgccctgc	tgcgggtggg	agtccagcag	ctgctgctca	1260
aatacggacg	tttcagatgc	tgcgctggg	gtcctcctga	gggcaaggga	ggtgctgaat	1266
tccggc						

<210> 8811  
 <211> 1554  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (706)...(0)  
 <223> similar to gil185397 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8811
ttgaggtggc gcggcgctaa gatggcggcg gcggcggcg cggccgtggc gggggtgggg      60
cgcggtggcg gtggcgcgga gccacggcag gagcgagacc gggcccgggt ctgggcccgc      120
gtcgaacgca gcgaaggccg gaggatggaa ccaggtgagg agctggaaga ggagggtctt      180
ccaggtggcc gtgagatggc ttcaccgccg agcacctggc tgcagaggcc atggcagctg      240
acatgggacc ctggctagtg tttgatgccc gcacaacgcc tgccactgag ctggatgcct      300
ggctggccaa gtaccaccca tcccaagtta cccgctatgg ggaccccggg tcaccaact      360
cagagcctgt gggctggatt gcagtgtatg ggcagggtta cagccccaac tccggggacg      420
tgcagggcct gcaggcagcc tgggaagctc tgcagaccag tgggcggccc atcacaccgg      480
gtaccctgcg ccagctcgcc atcacccacc acgtgctctc gggcaagtgg cttatgcatc      540
tggcaccggg cttcaagctg gaccacgcct gggctggcat tgcccgggcc gtggttgaag      600
gccggcttca ggtggccaag gtgagccacac gtgccaagga ggggtggcgc caggtcatct      660
gtgtttacac ggacgacttc acggaccgct tgggtgtact ggaggcggat tcagccatcc      720
gtgcagcggg cattaagtgc ctgctcacct acaagcctga tgtctacacc tacctgggca      780
tctaccgggc caatcgctgg cacctctgcc ccactctcta tgagagccgt ttccagcttg      840
ggggtagtgc ccgtggctcc cgagtgttg accgtgccaa caacgtggaa ctgacctaga      900
ggggccaaat tggggagact gccactccc ccctccatgc tggggttggg tcctcctgtc      960
ttcctccttg tcccatgaag gccacacccc ccagctctgg ggactcctag gtcacttggg     1020
aactacctgc atcttcagtc cccttgaact tctgcccctt gttcagggtc gacacaagcc     1080
ccacaggctg gggggctccg gttccctgag ggatgagcct tcagcctccc tttgtaatgc     1140
tgctcctctc cactgcccag caccatgagt tgggtgcaga cacctagaag gagagacttc     1200
ttggaacgct catccccgcg tatacctccc ctctcctctg catctcccct tctttccttc     1260
cccctcagga gagagaaaac ttagtgcttc cagcccttct tggagccttc atggtccagg     1320
ggtagggggc ccactggcct gagcatgcca ttttgagggg agggtagttg tgcctactta     1380
tcccctggca gaggggatgc caggaccatg gacatgaggc ttgcccattc ctgccaactt     1440
acacagcctg taccactgtc cccccttcct tggctacttt gacatgtgcc tgctcctggc     1500
atttcaataa aaccgggctt gggctctgtg cttgagtgtt ttttaaaaaa aaaa          1554

```

<210> 8812  
 <211> 887  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (513)...(889)  
 <223> similar to gil003016 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8812
cgtccgatat cttaaacttt ttgagtgcc aacctgtctac acaagtggaa aattccacac      60
ctgacctcat gtgacagggc atagtcaaag cacagggtgca cgacacagtt gatttagcgt      120
ccccaaggga aaaaaaagac ccaccagcc cccttcaact atagtataac ttttcacgc      180

```

acacccaaat	tccccacac	aagcacgccc	acaatgtgta	ataaaatggc	acgtgtgcag	240
gctggacgca	cccaacgcat	attccccacg	atacctcacg	tggggccgag	aactccatgc	300
attactcact	gtgggttttt	gcttattctc	tgcagtgtca	tgtaaaaata	ttactgaaaa	360
tgtcgaaaag	gcctgcagat	ccccctatgt	gtaacagtga	tcagaaaaag	aggaataatt	420
tatgtttatc	aatagcacia	acagtcaact	tggttgagga	actgaacagc	agtataagtg	480
tgaagcgtct	tacagaagag	tatggtggtg	ggatgaccac	catacatgac	ctgaagaaac	540
agaaggatac	gcttttgaag	ttctatgctg	aatgtgatga	gcagaagtta	atgaaaaata	600
gaaaaactct	acgtaaagct	aaaaatgaag	atgtgaatag	tgtattgaaa	aactagatct	660
gaaggcatca	cactgaaccc	gtgccactca	gtggtaggct	gatcatgaaa	caagcgaaga	720
tctatcctga	tgaactgaaa	attgaaggga	actgtgaata	ttcaacaggc	tggttgcaga	780
aatttaagaa	atgacatgga	attcaagttt	taaagcatct	gcagatcaca	aggcagcgtc	840
gaaactcatt	gacgagtttg	ccaagattat	cgctaataaa	aatctga		887

<210> 8813

<211> 603

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (204)...(2)

<223> similar to gi2104911 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8813

agctgggggag	aggtagaggg	tggcataaga	acaggaatga	gaataagagt	aaatataaaa	60
gtaaagaata	ggacttcac	agggtgaaag	tattggagga	tacctgtca	ctgaagatct	120
tctgtccact	tcaagagaga	cttaagggtg	gcaatttgag	gtaaaaccag	gagccactaa	180
ataccaagag	cctgagaaac	tgcttgggta	atatgactag	taaaggcccg	tccgttaatg	240
ggactgtata	gaggtgggaa	ggctaaactg	aagaattatg	tctgacagaa	gggaagaaat	300
gactgtggtg	gccttctcag	accctgtggg	aaaggtctct	acccatctag	tgaaagtgtc	360
taccctgacc	aagtgggtatt	ttggtttcct	gactccgggc	atgtgggtaa	agtcaatttg	420
ccagtcctgg	gcgggggaaa	atccctgagc	ttgatgtgta	gggaagggtg	gggtgggggg	480
ggttgctcct	aacaatccct	gtggggtagt	ggaatagctc	ttggaacaca	tagaagtgat	540
tttacttgag	gataaatttc	tctattgaat	ggtaatgaga	gggtctaata	gactggtcta	600
tgg						603

<210> 8814

<211> 1798

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (299)...(1798)

<223> similar to gi5726236 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

```

<400> 8814
ttagcagcaa gtgctgtttc ctggggcagg ggcaagtacc cctcaacccc ttctccttca      60
cccttagcgg caagtcccg cttcctaggg ggcaagaacc ccccaatcgc ttatttccgc      120
cgcaccccaa cctcttatct ctgtgcccc atcacttatt tctgcacct gacctttat      180
ctctgtgccc caatccctta tttccctgcc ccaacccctt ctctgctttc ctggagggca      240
agaacccctc gcccccttc cctgtctcta ctcttttctc tgggcttgct ccttcactat      300
gggtaagctt ccacccctca ttctccttc ttctccctta gcctgtgttc tcaaaaactt      360
aaaacctctt caactcacac ctgacctaaa acctaagtgt cttattttct tctgcaacac      420
cgcttggccc caatacaaac tcgacaatga ttccaaatag ccagaaaacg gcactttcga      480
gttctccatc ctacaagttc tagataattc ttgtcataaa atgggcaaat ggtctgaggt      540
gcctgacgtc caggcattct tttacacatt ggtccctccc tagtctctgc tcccaatgtg      600
actcatccca aatctttctt ctttctctcc tttctgttcc ttcggtctcc accccaagtt      660
ccgagtcttc tgaatccttc ttttctatgg actcatctga cctccccctt tctccccagg      720
ctgtctctcg ccaggctgag ccaggctcca attctcactt agcctctgct cccccacct      780
ataatccttt tatcacctcc cctcctcaca cctgggtccag cttacagttt cgttcctcga      840
ctagctctcc ccgatctgcc caacaatttc ctgttaaaga gatggctgac tatcctgact      900
tcatcagagc aggctgggtgc ctggccttcc tggaatgagt ggggtgttctg acaggccccc      960
agtttgctcc atctgcaccg ccaagagggtc tccgggtggc cagaggagca aagttgcctt     1020
ccaagtgcct gttggtgcct gggagaacac agcaggagtg tcgtgcggcc cacagcgcag     1080
tgcatggtga ttccaggcgc tgaacaactc cccttgacct ttgggcctgc atctgactcc     1140
cggctgcaga atcagaagct gagtccaggc aaccgctcgg cactcccgg tctactcctt     1200
ctggacaccc agttactaaa gtcagcaaag aagatgcggt aatcacccgc tgatctccac     1260
atggtgaaca caacactctc actaacacct ccttgaccag tcagtcttca gcactggggg     1320
tggaacaggc ggttttctgt gtttaccaga atcgcacagg ctaagcacia acatggaacc     1380
agagttccca ggtgaggaaa cctcactcgc agaagcccag gctgcacccc accagggtgat     1440
gcagtcgccc taggctgtgg gtgctaggag ccaagtgtca gggactcgtc atgagtggga     1500
atccccacgt tcctgtcact gctgtcaaac agaaggtaaa cagtcttacg aatgtaattc     1560
cttaggaaga cttgtacaaa cttttattag gatattctatt tatttaatac tgaacttttg     1620
cctactttgt gataagacta taaacaaatt gaggaatca ctatttctca cttctgtatt     1680
tctcaaaaaa taattttgat acagagttca atatactgtg tactactgat cttctattat     1740
gaaagcaaag catttcatca aaacaaagta ttttaaatta tgagtgaaaa aaaaaaaa     1798

```

<210> 8815

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (338)...(769)

<223> similar to gi2707217 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8815
gctggccaag taagccacta acctagggtca taaagagtta gctttgggac cattttatttc      60

```

catgatcaaa	ataaatacat	ctggggtttaa	cctgaatcac	catttagtaa	catagtcatc	120
agtttcagta	cctttgtctt	tttccaggta	aaactcttta	gcctcttata	aaacatgtta	180
tgccacatct	aaattccata	ttttatgtaa	tataaggaaa	aatagtttta	tttgtatgat	240
ttatacttca	tgtgttagga	acctgtgact	acatgttctg	aactgttagt	aagaaaaatg	300
gtattggata	ccttactctt	taagatTTTT	aattatTTTT	ggtaaaactg	ggaaatagcc	360
gtctgatttg	cattttattt	tcttttgtat	tttaaggata	tggaatatta	tcttgtaaaa	420
tggaaggat	ggccagattc	tacaaatact	tggaacctt	tgcaaatct	gaagtgcccg	480
ttactgcttc	agcaattctc	taatgacaag	cataattatt	tatctcagg	aaagaaaggc	540
aaagcaataa	ctccaaaaga	caataacaaa	actttgaaac	ctgccattgc	tgagtacatt	600
gtgaagaagg	ctaaacaaag	gatagctctg	cagagatggc	aagatgaact	caacagaaga	660
aagaatcata	aaggaatgat	atttgttgaa	aatactgttg	atttagaagg	gccaccttc	720
agacttctat	tacattaacg	aatacaaacc	agctcctgga	atcagct		767

<210> 8816  
 <211> 448  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (41)...(428)  
 <223> similar to gi687815 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8816						
tttcgtgctg	aattctgcgt	cttcctttag	gctgcggcga	gacaatcccc	agagccccgc	60
ggccccgcct	cggggcagcc	atggactcgc	aggaattgaa	gactttgatt	aattactatt	120
gtcaagagag	atatttccat	catgtattac	tggttgccag	tgaaggatt	aagaggtagt	180
gaagtgatcc	agtccttcagg	ttttatcatg	cctatggcac	attaatggaa	ggtaaaactc	240
aagaagctct	tcgagaattt	gaggctatta	aaaataaaca	agatgtatca	ctttgttctc	300
tacttgcact	gatatatgcc	cataaaatga	gtcctaatac	agatagagaa	gctattctgg	360
aatcagatgc	cagagtgaag	gaacaacgta	aaggagctgg	agagaaagcc	ttataccatg	420
caggcttatt	tttatggcac	attggctcg				448

<210> 8817  
 <211> 499  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(500)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature

<222> (301)...(500)  
 <223> similar to gi457199 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8817
aaacacacgt aaagaggttc aataggtnta atgtggtaaa aggagatgta tttaaacaatg      60
gcaggcattt gcccgaagct gcttgtaaat aagctgtggg acagccgctg cggaagatgc      120
agagacccca gagatgcaga gaccccagag atgcagagac cctagagatg cagagactcc      180
agagacgcag agaccccaga aatgcagaga ctccagagac gcagagactc cagagaggca      240
gagacccag agatgcagag accccagaga cgcagagact ccagagacgc agagacccca      300
gagatgcaga gaccccagag atgcagagac cccagagatg cagagactcc agagacgcag      360
agactccaga gatgcagaga cccagagatg gcagagaccc tagagacgca gagacccag      420
agatgcagag accttagaga cgcagagact aaagagatgc agagtcccca gagatgcaga      480
gatcctagag atgacgaaa
  
```

<210> 8818  
 <211> 560  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (56)...(399)  
 <223> similar to gi4160198 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8818
tttcgtctgc ttttctgctc ctggaagcgg ccaagggggg aagcggcgag tcaacatgga      60
gctttcagcg gtgggggagc ggggtgttcg ggccgaagcc ctctgaagc ggcgcatacg      120
gaaaggacgc atggaatacc tcgtgaaatg gaagggatgg tcgcagaagt acagcacatg      180
ggaaccggag gaaaacatcc tggatgctcg cttgctcgca gcctttgagg aaagggaaag      240
agagatggag ctctatggcc ccaaaaagcg tggacccaag cccaaaacct tcctcctcaa      300
agcgcaggcc aaggcaaagg ccaaaactta cgagtctcga agtgactcag ccaggggcat      360
ccggatcccc taccctggcc gctcgcccca ggacctggcc tccacttccc gggcccgga      420
gggccttcga aacatgggtt tgtccccgcc agcgagcagc accagcacca gcagcacctg      480
ccgcgcagag gcccctcggg accgggaccg agaccgggat agggaccggg agcgggatcg      540
agaaaggag agggagcgag
  
```

<210> 8819  
 <211> 2545  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (458)...(2547)  
 <223> similar to gi537432 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8819
tttttttttt ttcccatata aaaaataggt ttaatgcagg tgggtcatgg catgacgaat      60
ttcacaggca ccggggacag caggcggcca ggtgctcaga gggcaccaag gtgccacaac      120
tcctgcagc gttgacaccg cagcagcggc accaccagcc ccctcccgcc tcccgccccca      180
ccttcaccct cagccaagag gcttgggtga ctctgagtaa tacgttaaca aaaaacaaag      240
cttctttgag gaaacagcat gacttagtgc aaaagattct ctgcagcaag aaatgaggcc      300
cacgcaggga agctcccgcc tacctgcccc gggcgtggac gcagcccgcc ctcatcagag      360
gtcatccaca gaagctgccg ataaattaga gagcacggtt tacggccaga gattttttgc      420
tttctctacc tgatttaggg tttttcaaaa agtttctctt ccagtggcac acaactgtcc      480
tcatggctcc tggggccactg gtccgcctga cagggtaggg tcacaagtcc caccatgcc      540
cagagtgtgg ggaccatgga tttgagggtga cactagggtt gtcagtacca caccctgtgt      600
cctgctctag ggtagcctct gcctgttgct cttgcaatca ttattcaggg cgcctcccca      660
cttgccccc aagtcacacg gccatgggca gtccaccata gtgctgccgt gactgcaagg      720
ctgaggagca gagcaagggg tccctgggtga gacctcggcc catggtggcc accctccctg      780
aacacaggca tctgcgcccc tccagccccc ctgcccctgt gccatcattt gggcccccca      840
gacactggag gacagcgtga gataagatct cagcatatac ctggggctct aagatgctgc      900
tggtgccaca caggctctgg ggctgtgttt gccgcactga ggctctgccc gcctgtctcc      960
gacacttggg acacgcgttt ccatcctggc tctactgaagc ctcgatctcc caggctttct     1020
ttgacggtgt tccctcaaaag aaagaggccc aaagccctcc cccgcaaaaa aagccagaaa     1080
ggaatggagg tgctcccgca gaaatccaga gcatctgcaa gacatcctca cagccctccc     1140
agaacaggca gacaggccag tggtgctgga gtcagccccc ggctcccagg gttcccccca     1200
ggccagcccc tgagctggga gcctgctgag gcccctccca cctgagccct tctccggccc     1260
cccgctagac tgcattctaca caatccaagg ggaccctgaa ggctggctgg ggactcagga     1320
cccacacagc ccctcaggat gacacacaca ggggtggtccg cgggcagtgcc caggcctcag     1380
gcggcccgag gcagagtaag cagctttgtg gcagtgtggt gtgtcagcga ggggagcctt     1440
ccgtgtcccc ttggctgggg ctggggccag ggcacgcaga aggggctgtg cagccaggag     1500
ggccccctc cggaattgct cctgggcaca cagccctctg tgtccagggg cctcccaggg     1560
tgatgtctaa agtccctggc agctgtggtc ctggagagag gccacagag aggcggaacg     1620
gagggccccc cccgcagtag gaccgaaga catgtgagca ggagccaccg gcagggtggg     1680
gctgccccct agagtgcata cggggagggt ggggtccagga agccagccta ggggtggtgt     1740
ccgcgcccc atcacagaag tctcagccct ttcttttctc tccgtgggcg ccgggcagca     1800
gcgactgcct gggggatggg cgaagggaag gcgctggccg accccaccca tggagagaac     1860
acagccacag gccgggacga tacatcaagc tcgcacccac ggccctcaca tgtccacgaa     1920
gaccatgaag caccagcccc ggcccccgac cagcagcatg gtgacgtgga tgccatagac     1980
gagcagctcg ttcaccaggc ggaagtccac gcgcggcgcg cccagcagca gcagcagcac     2040
cgacagcttg cgctggaagc gcagcaggac gcgaacgccc aggtactgta ggcagaagag     2100
ggcgccagc gcaccccaga gcgcgcgagt gaacaggctg cagctaaagt agagtaggaa     2160
gcgatgaag ccgtacagcc agcgcgtctt gatgtacacg tcgaagtgtg tgtacttggt     2220
gcgggccaag tgggaggcgc gcacggggccc gcaggccgca tgcaggcagg tgggtgtgcgg     2280
gccgtggaag gagcgcaccc gccgcggaat gggcatgacc ggcatgggg cccggcgggc     2340
gcggcgctag gtgcagtggt cggcgggcgg gtccaggcgg cgggtggcgt aggggtcatg     2400
ggcgccctagg cctgggagcc cgcagctgac cctgggggga ggcgtcgggc cgggtgccctc     2460
tccgcggcgg cgcggcgctc ccggaccctc gggccggccg gcggtgctag gggccgggca     2520
agagggtgcc cctgtccctc gggggc
  
```



agaccaacca	tgatctgctg	ccccttcgtc	ctctcgcctt	ctccagacca	cgccatggga	420
gggagctggg	tgcggtggga	aagccccacc	ctgggagtcc	aggatctggg	ctcaagtccc	480
acatgcccc	catcgccgtg	tggcccaggt	gaggcactcc	tgcgaagctc	tgtgcccacc	540
ctccccagcc	accctcccat	ggcactgcta	ggaaggaact	tgaggcccag	agaggctcgag	600
caccttgacc	tttgaggccc	gaggtcaagt	tgagctttcg	gccacccagc	ccaggccccc	660
tctgctcgga	cctgagcagg	gctgtgcacc	cctgcatgct	acccaggccc	tccttcccca	720
ccccacaggc	aaacctgccc	ttgctgcagc	gggagctcct	gcactgtgca	cgcttgcca	780
agcagacgcc	cgccgaattc	caccacacgg	actacgatct	cgaa		824

<210> 8822  
 <211> 1228  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc feature  
 <222> (786)...(33)  
 <223> similar to gi2792016 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8822						60
tttttttttg	agattagaca	gtgctccgtc	ggccgccgca	agacactttt	aatatccctg	120
tttcccaggc	tgtagataaa	gggggttgagc	atggaggtga	ccaccgtgta	catcactgca	180
gccactgcac	cctttctggg	ggaagatgac	acatcatctg	aactgaggta	acctccaacg	240
cctgtttccat	aaactcagca	aacaactgac	aggtgagacc	cacaggtgga	gaaggcttta	300
tactttccac	ctgatgatga	aaccctcaga	atggaggaaa	caattttaga	gtaagagaaa	360
agggtccttg	agatgggaag	aaaaccaa	atggcagcag	ggaaatacat	gattatctta	420
ttggtgaagg	tgtcacaaca	tgcaagatgg	gggagttgag	aagggtcaca	gaagaaatta	480
ggaatttcca	catccttgaa	gcaggtcact	tgtaaggcaa	tcaagttgtg	cagctgggag	540
tctaaaagac	tgagaaaaaa	aaaaaaaaa	caacaaaact	agaaaggcac	agaaacacgg	600
gttcatgatg	gtgaatgata	tagcgggtga	cagatggcta	caaaccagtc	ataggccatc	660
acactcagga	gcatgtctct	cttccatgcc	tccaaaaatg	gcaaagagag	acatctgagt	720
caggcagcct	gcataggaga	tgactctgct	gtgagactgg	atgtccacaa	tcactctggg	780
gaccgtggtg	gaggtgaaac	cgatgtcagg	caaggacagg	ttggagagga	agaagtacat	840
gggggtgtgg	aggtgggagt	cagggctgat	ggccaggatg	atgagcaggt	tccccagcac	900
cgtgaccagg	cacatggaca	ggaacagccc	agcaaggact	ggctgcagtt	ctggatcccc	960
tgagacttct	tgtacatgct	gtagcactgc	tgacgaccg	agctataaac	cttgtccaac	1020
aactcctcct	cttgatattc	aataactgg	tttccatctt	tactgttttt	caattatagg	1080
attccgaaca	acctacaaag	tttgataaac	tgaaattata	caatgaattc	attagaccat	1140
gtttattttg	ccttagttta	aaaactttgc	acatgctaca	gcaccagaaa	cacagcttct	1200
taaagcagcc	ccaagaacga	ataaagcaaa	taggaagaac	ttgattttta	aactgcaacg	1228
aatttttatt	taattttact	tgcatgca				

<210> 8823  
 <211> 938  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (143)...(910)

<223> similar to gi3044086 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8823
tttttttttt ttgatttcag ggcagcctct tcctagtgtc agactgaggg agaatcaatt 60
ttggggggaga ccacatctaa tggataaaag agccacagga ttacaaaagg gtggaatagt 120
tggttacaaga aggtcacatc atcctggcac tgcctccaga accagtgggc ctcgaagccc 180
agcttggcac tctcatcctc tgggtgactca ggtggtccac cttgaagcct ctcccctggg 240
ggcttccaca cagctctcaa gctccctagc ctgggtggctg ccacatccac ctcagtctctg 300
gccctctctc caccagctat aacttttgcc cagtccatct cggaacgtgg agccccaggt 360
gggcctgtgt catccagctc gctggggggcc actgtgtcca ggaagctgcc aatagagaca 420
ctgtccagcc ggtcgggtgt gctgggtgtct ggcaggctgt cccagctgcc tcgccttgag 480
cggcctgggc tcccgcctgt caggctatat tgactgctgg tgaggctgct gcaatgactg 540
gtcaacgtcc cccgctcctc caacagccag cgcactgcct cgatgccctc attcaaggctc 600
accagctgct gcaggatctt cacatcgatg gctcgcaggt aagccagctc catcttcagc 660
gccatgatct tgtcccccaa gtcgtggccg gtgctagacg cccctgggag cagcagggcg 720
ccagagggtc ccagctcaca ctgcctcgc agcccgcgga gcagccctc aggggtcttc 780
ctgcccacct taccctccac atcccgcagg tcaggcgtct gggactccac ggtcccctcc 840
atgcggggccc aagcctgaaa agggctgggc gaccggacgc cggggaccgg ctcccggggg 900
aattccacca ctctggaata gtgaatcgaa attcaaaa 938
```

<210> 8824

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (742)...(306)

<223> similar to gi487734 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8824
ggaggcagga ggatgaagag gggggaggtg actccctgga agttgatggg gtggctgcaa 60
ctccagggaa agcagaggcc accagggtcc tcccaaggca gtgcccgggtg caggctgaga 120
aaagtcatgg ggctcccctg gaggaggcca cggagaagat ggtatctatg aagccaccag 180
gtttccaggc atccctggct agagacgggc acatgtcagg cctgggcaag gctgaggcag 240
cccctccagg ccttggcgtg ccaccccacc ctccaggcac caagtccgca gcatcccacc 300
aaagtagtat gaccagcctg gagggaagcg gcatctctga gcgccttcca cagaagcctt 360
tgcaccgagg cggtggggccc cacctggagg agacctggat ggcgtcccca gagacagaca 420
gtggctttgt gggctcagaa acaagcagag tttcaccctt caccagact ccagagcacc 480
ggctctccca catcagcaca gcaggaacat tagccagcc ctttgctgca tctgtgcccc 540
```

```

gggatggagc ttctacccc aaggccaggg gttctctgat tcccagaaga gccacagagc 600
ccagcacacc ccggagccaa gcacagaggt acctctccag cccaagtggg cctctccggc 660
agagggcacc caacttcagc ctggagcgga cactggcagc cgagatggcg gttcctggct 720
cagagtttga ggggcacaaa cggatttctg aacagcccct tcccaacaag acaataagcc 780
cacccccagc ccccgccccg gcgc 804

```

```

<210> 8825
<211> 1440
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (355)...(1433)
<223> similar to gi3004655 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8825
agttcttcta gcaaaggagg ctcttcatca aaactgtcaa tgtaaggaga ttgtgaataa 60
taatctgagt tggatgctgg ctgaaaaaat tgtcctgcgt aaccgatga catgagcatc 120
tctgatggaa caaaggaggc aggctgaggg tgctcaccag cttgttgtgt gaccactcca 180
ctacccggcg ccaagacgcg ctgatgtcac gacagcgtgc ggctgcaga cgtcggcaag 240
ctgcgcgcgc gcttcgggtt gcttcgggat ctggtacttg ggcagagctc cccgggggttc 300
attgtcttcg cttcacagga tctgtttgag tctgtgccac cggatcctac ggggggtacc 360
ttcgaaaaaa aacgggctat gctgctgttg cgtgaaaaac ttgacatgtc taggtttcct 420
gttgaaaata ttagaaattt cagtattgtt gcacacgtgg atcatggcaa aagtacttta 480
getgacaggg tcctagaact tacagggaca attgataaaa caaagaataa taagcagggt 540
cttgataaat tgcaagtggg acgagaaaga ggaatcactg ttaaagcaca gacagcatct 600
ctcttttaca attgtgaagg aaagcagtac cttttaaatc tcattgatac accgggccat 660
gttgatttta gttatgaagt atccagggtca ctttctgctt gccagggtgt tttacttgtg 720
gttgatgcaa atgagggaat tcaagcccaa actgtagcaa acttgtttct tgccttcgaa 780
gcacagctat cggtaattcc agctataaat aagatagatc tgaagaatgc tgatcctgaa 840
aggggtgaaa accaaattga gaaagtgttt gatattccaa gtgatgaatg tattaagatt 900
tctgctaaac ttggaacaaa tggtgagagt gttcttcagg caattattga aagaatcccc 960
cctcctaaag tgcatcgcaa aaatcctctg agagctttgg tatttgactc cacctttgac 1020
cagtatagag gtgtgatagc caatgtagca ttatttgacg gagtgggttc caaaggagat 1080
aaaattgtat ctgcacatac tcaaaagaca tacgaagtta atgaagtagg agtcttgaat 1140
cctaattgagc agccaactca taaattgaat gtatcctcta gaccaatctg aatataacaa 1200
tctgaagagt gctatagaaa aactgacttt aaatgattcc agtgtgaccg ttcattggga 1260
tagtagcctt gctctgggtg ctggctggag gctaggattt cttggacttt tgcacatgga 1320
agttttcaac cagcgactgg agcaagaata taatgcttct gttattttta caaccctac 1380
tggtccatat aaagctgtac tgtcatcatc aaaattgata aaggaacata gaaaaaaaaa 1440

```

```

<210> 8826
<211> 1165
<212> DNA

```



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1166)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (789)...(1146)

<223> similar to gi296670 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8826

aattcgctgg	caatctccca	naaagtccag	caatttgaaa	gtcaaatcca	cagaaagacc	60
atcttccata	acaaaaggaa	gcactttttt	taggttgaca	cttgcaagca	ggagttccaa	120
ttattttcgc	ggttatcaat	ttcatgtaat	tgcaatgtta	cccaaaagtt	tcttgatttg	180
ttttaaacgg	gctgaataac	aattttcttt	caagaagaaa	aacctaaaca	gaaatattca	240
caggggatgc	tgaaaagggt	caataatgct	agtcatttca	attctcacac	ataaaggaaa	300
cgctgatggg	ctttggctac	tcctccagaa	cttttcctgt	ggaagtcacc	aaccccttat	360
cttagcttct	tcattctcca	acaaatttcc	tgccgaacta	gtggccgctc	tcgcttctct	420
gctttgctct	ccggaagg	acacgggtca	cccagatttc	agcgagtttg	ccctcgactc	480
tgacgaaaag	gaatgcattg	ccagcaactt	ttaagtccgc	tttttaaaag	gcctgtggaa	540
ccaatccaga	cttttccttt	gcattaaagt	ttttggctga	gctgagacta	agggggccgt	600
aggtgacatt	ggaagaagtc	agggcattag	aggctcgagg	gagccacctt	gggggaagg	660
gagaccctt	gacagcaagg	gagggatttg	aatgggaggc	tccgtggcca	aagttggggc	720
cgggatccgg	aataaggggc	ggcttggggc	tgaggggaagc	tgctggggcg	cggcacgggc	780
agcttactcc	ggggcgacgc	tcttccacgc	ctcagaaaac	gggggtgtccc	aagctggggg	840
aaacagacca	cccgcagtgt	cccaaagccg	gggcggggct	gtaagggacg	aaggactctc	900
gcggcccaga	cagcggaagg	cgggccccgt	gtagaggagg	cccggccgcc	tcagctgccc	960
caagcccggg	ggtctctgcc	cgagacaccc	cctcccccg	ccccggacgc	tgacaccacc	1020
accgccctca	ggcagtcaca	tctcccagc	tccgccgagg	gacccagccg	ccccccgccc	1080
gtaggggccc	tggacagcgg	aggggctcct	cagccgcagg	acccgggaac	cggctccggc	1140
tccagcgctg	ctcaggcaca	gacac				1165

<210> 8827

<211> 2112

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1170)...(574)

<223> similar to gi930259 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8827

gatataactta	ttttttttta	ctgtgtaact	ttttttttcca	atthagagaa	ccacatcctc	60
atccatgctg	cttactatca	atagtggcac	aagtgtcaaa	ttttaagggtt	acattttttgg	120
ggacccctct	ttcttctgtt	ctagctatta	cctttcttgt	gtcacctaga	aaaggaccag	180
tccttaattg	tattttaaaa	actgtgatca	tgggaggctt	aaaatgggtc	ataacacgca	240
tcaagttggt	tatttcctgg	gctacatacc	ttggatagaa	tagcattata	caaacaagtt	300
tcttttagag	tcctgggtaca	cttataataa	ccataaaaata	ataggactgt	agcaatcttt	360
tgctctacct	cagtgaactt	atgtatatac	tggaaacagt	tctcaatctg	aggaagggtca	420
gttgaagtcc	ttactgtaca	agtccaaatt	ttaaggaaaa	tgagtcccgc	aatgagtttc	480
ctcatgcttc	gcctgtgcgt	ggaccagtca	gcttctgggt	gtgactggag	cagggcctgt	540
ctccttcttc	agagtcactt	tgcaggggtt	ggcaaagccg	ctcccatcca	cgtacagctc	600
ccagtctact	gatgtttaag	gggtgtctcg	gaggttaggc	ctactagaat	aaactgagtc	660
cagcacctct	aaacagttat	gtttaactgg	gctctctgtt	accaggagta	aggtggctgg	720
gtaggggtgt	tggaaacttc	aatgggtttt	tggggatttt	cacagagcaa	ggtttggtat	780
ctagttagtc	tagcatttat	tagctaata	tgctctttgg	tatttattaa	agtcaccacc	840
agcatgggga	gactttctgt	ttagggtttt	cctaagagtt	agctcatctg	cttcttgtgc	900
taacagggca	gttgctgcca	gggcccttgg	acatgggggc	cagcctttgg	aaaccccgtc	960
tagttgtttt	gagagatagg	ccccctggcct	tgaccagggc	cctacagtct	gggttaaaac	1020
tccaactgtc	attttttctc	tttctgacac	atggagtgtg	aagagttttg	tcagggtcagg	1080
tagccccagg	gctggggccg	acatgagttt	ttctttttta	ctcatgaaaa	gctcgttgct	1140
gttggttgta	atagatgtag	tttatctaata	ttacattttt	attgactgtc	atctacccaa	1200
atattgactt	cagtccctgta	actatttgat	ttcaagcttt	aaattgatct	ggtattcctt	1260
gcggggctcc	aattgcattt	aaatatatac	gagagttgaa	agaccataa	ggggcttctc	1320
tccctttatg	atgtcttatt	ttttttttcc	tctggttgat	gaaatgccag	ggtgaaaggg	1380
atagccaaat	ggactaaagc	acaagtgcc	ctctagttat	tcagcagagt	gcccagtaaa	1440
ggtccaccac	aataccacca	cgcctccgct	cggggatgaa	caagggctga	ctgattgata	1500
agctcttgaa	aattcttaag	ctcactgc	cccttcaggt	ctccaaggaa	tgctaagttt	1560
tctccctgtt	gttagagaca	tgaagtgaac	ttagtgttcg	ggagatggaa	gctggatggc	1620
cctcgggggc	tgactcgcag	ggtgccagac	ttcaggatat	agcaggagag	agcttggcat	1680
cgacttatta	ctccaggcta	tagaatcctg	gaaaagagct	accatgcagc	ccacacctgg	1740
tcgactggag	gaccacett	agtggaaagg	ggacattctg	agcctctgcc	ctgccatgtg	1800
cacaagcata	acaattgctt	ttgtttaacg	tgcatgtgga	atatttgatc	catttcatcc	1860
aggcatttgc	atcttgggtat	cctgtcttaa	ttgccaaagt	ttgttttaag	tctttaactt	1920
ctatgacct	ttagtaaaat	gaatgcttcc	tttagcacct	atttttgtta	gttttttagac	1980
caaagaaagc	taaacaccat	tttatattta	ataatgcttc	ttgtatgatt	tttataccag	2040
agaagctaaa	ttttatcttt	atattagtgt	gttattaatg	ttaaacttaa	ttttaataaa	2100
accttgtaga	ca					2112

<210> 8828

<211> 1073

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (145)...(999)

<223> similar to gi3650328 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8828

gacattcgtg accatcatta cgcctagctt ggcacgaggc cgggactagg ttgcggggaga 60

aagcctgttg	cgtggaagat	aaggcggcgc	gggaagtgga	cacaggggtgg	gctggagatc	120
taactggact	ctcgtcctg	ctggctggac	atggaggatt	tggaggaaga	tgtaaggttt	180
attgtggatg	agaccttgga	ctttgggggg	ctgtcaccat	ctgacagccg	tgaggaggaa	240
gacataacag	tgttggtgac	tccagagaaa	ccacttcgac	ggggcctctc	ccaccgaagt	300
gacccaaatg	cagtggcacc	tgccccccag	ggtgtgaggc	tcagcctagg	ccccctcagt	360
ccagagaagc	tggaggagat	cctcgatgag	gccaaaccggc	tggccgctca	gctggagcag	420
tgtgccctgc	aggatcggga	gagcgcaggc	gagggcctgg	ggcctcgccg	agtgaagccc	480
agtcctcggc	gggagacctt	tgtgctgaag	gatatcctg	tccgagacct	gctgcccact	540
gtgaactctt	tgacgcggag	caccccctcc	ccaagcagcc	tgacgcctcg	actccggagt	600
aatgatagga	aggggtcagt	cagggtctct	cgggctacat	ctggaaagag	gccctccaac	660
atgaagaggg	agtcaccac	ttgcaatctg	ttccctgcat	ccaaaagccc	agcatcttct	720
cctcttacc	gatcgactcc	cccagtcagg	gggagagccg	ggcccagtgg	gagagcagca	780
gccagtgagg	agaccagagc	agccaagtgt	cggggagcag	ctgctaaatc	ttcctgtcaa	840
ctgcccattc	cctcggccat	ccccaggcct	gccagccgaa	tgccactcac	cagccggagt	900
gtgccacctg	gcagaggtgc	cctacctccg	gattctctgt	caactcgaaa	agggcttcca	960
agaccaagca	ctgcaggaca	cagagtgcgg	gaaagtggac	acaaggttcc	tgtttcccag	1020
cgactaaatc	ttcctgtcat	gggtgccact	cgcagcaatc	tcagccccc	cag	1073

<210> 8829

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(817)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (388)...(816)

<223> similar to gi182220 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8829

cccacgcgtc	cgggaaatac	aaatgagtaa	gagtagccaa	aacagtaagt	tactcatccc	60
agtattaaga	ctgtgcagct	acagtgatga	gagtgtagt	ctggtaagag	gactggcacg	120
caggccagt	gggtggaatg	gagcccggaa	agtgaaccac	aaacttttgg	ttcacagagg	180
taccaggata	attcaagggg	gaggaattgt	cttatctaca	ggtggttctg	gcaacagagt	240
attcacagga	aaaatggtga	acgttaaccc	ttgcatcata	tgcaaaaaat	tatttgaaac	300
aggtcataag	aactaaaacc	atcaaaactt	taggagaaaa	tacagggaaa	aatctctgtg	360
gccttgacca	tgcaaaaatt	tcttgggaca	caaaaagcat	gagccacaaa	agaaaaacgtt	420
gataggtggg	atctcatcaa	aatttcaaac	tctctttctt	tgaaagacag	ttaagaaaat	480
aaaaaggcaa	gccacgccct	ccaaaaatac	atgcagtaca	tatacaggac	aaaggactta	540
tttctagaac	ctgnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
acagggtatc	attatttatc	agggacatgc	aaattcaccc	atgagctacc	tgaacatact	720
tgctagaatg	gttaaaatga	agaagagaca	gtcttcattg	ttgataagga	tatggagcag	780
ttgaaacgct	cacacgttat	tgataggaat	gtaaaa			816

<210> 8830  
 <211> 837  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (790)...(834)  
 <223> similar to gi4150963 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8830
ttttttctcc aacgaagtct tatattttac cattctgcgt gtattagaaa gctaaattta      60
aacagcaaca ataagaaatc ttccccagtg gatccctcga gcctttcggg aaaatgcagg      120
tttctggctg acaggaagaa gaaacagcat ccaatcggca cttgtgtctc aatgaccaat      180
caaatttcgc cttacattgc atcgtcggga taaacggagc tggacgactc agtctcttgg      240
tctgtggctg ctgcgggttac ctggatgggc gagcacctct gaggctggct ttgttacctg      300
ggcaataagg gactagcagt tcagccgttt tctatgcctg ctggatttgt ttgtatttgt      360
tcccagccac tgctcatgta atgtactccc ttaaccagga aattaaagca ttctcccgga      420
ataatctcag gaagcaatgc accaggggtga caacgctaac tggaaagaaa attatagaaa      480
catggaaaga tgccagaatt catgttggtg aagaagtaga gccgagcagt gggggtgggt      540
gtggttatgt gcaggacctt agctcggacc tgcaagttgg cgttattaag ccatggttgc      600
tcctagggtc acaagatgct gctcatgatt tggatacact gaaaaagaat aaggtgactc      660
atattcttaa tgttgcatat ggagttgaaa atgctttcct cagtgacttt acatataaga      720
gcatttctat attggatctg cctgaaacca acatcctgtc ttattttcca gaatgttttg      780
aatttattga agaagcaaaa agaaaagatg gagtggttct tgttcattgt aatgcag      837

```

<210> 8831  
 <211> 3062  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (593)...(2797)  
 <223> similar to gi2281588 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8831
aaccctgaga cactttacag ccctagaacc taaaagggtca aaaggccatc ttattctcaa      60
aatacatttt attagccaat ctgctcccga cattaaataa aactccaaaa attagattcc      120
ggccctcaaa ccccacaaca ggatttaatt aacctcgcct tcaaggtgta caataataga      180
gtagaggcag ccaagtagca acatatttct gagttagcaat tcctccttgc ctccactgtg      240

```

agacaaaccc	cagccacatc	tccagcacac	aagaacttcc	aaacgcctga	actgcagcgg	300
ccaggcggtt	cctccagaac	ctcctcccc	aggagcttgc	tacatgtgcc	agaaatctgg	360
ccactggggc	aaggaatgcc	cgcagcccg	gattcctcct	aagccgtgtc	ccatctgtgt	420
gggacccccc	tgaaaatcgg	actgttcaac	tcacctggca	gccattccca	gagccccctg	480
aactctggcc	caaggctctc	tgactgactc	cttcccagat	cttctcggct	tagcggctga	540
agactgacac	tgcccgatcg	cctcggaagc	cccctagacc	atcacggacg	ccgagcttcg	600
ggtaactctc	acagtggaag	gtaagcccgt	ccccttctta	atcaatacag	aggctactca	660
ctccacatta	ccctcttttc	aagggcctct	tcccttgccc	tccataactg	ttgtgggtat	720
tgatggccag	gcttctaaac	ctcttaaaac	tccccaaact	tggtgccaac	ttagacaata	780
ctcttttaag	cactcctttt	tagttatccc	cacctgcccc	gttcccttat	taggctgaga	840
cactttaact	aaattatctg	cttccctgac	tattcctgga	ttacagctac	atctcattgc	900
tgcccttctt	cccagtccaa	agcctccttt	gogtctcct	cttatattcc	cccaccttaa	960
cccacaaata	taagatacct	ctactccctc	cttgggtgacc	gatcatgcat	cccttaccat	1020
ctcattaaaa	cctaaccact	tttaccctga	ttaatgccaa	tatcccatcc	cacagcatgc	1080
tttgaaagg	ttaaagcctg	ttatcacttg	cctgctacag	catggccttt	taaagcctat	1140
aaactctcct	taaaattccc	ccattttacc	tgctctgaaa	ccagacaagc	cttacaagtt	1200
agttcaggat	ctgcatctta	tcaaccaa	tgttttgcct	ttccacccca	tggtgccaaa	1260
cccataatac	ctcatatcct	cagtacctgc	ctctacaacc	cattattctg	ttctagatct	1320
caaacttgct	ttctttacta	tccctttgca	cccttcaccc	cagcctttct	tcgctttcac	1380
ttggactgac	cctgacaccc	atcaagctca	gcaaattacc	taggctgtac	tgctgcaaag	1440
cttcacagac	agccccatt	acttcaatca	agcccaaatt	tcacccctcat	ctgttaccta	1500
tctcggcata	attctcataa	aaacacacgt	gctctccctg	ccaatcgtgt	ctgactgac	1560
tctcaaacc	cagcaccttc	tacaaaacaa	caactccttt	ccttcctagg	catgggttagc	1620
gtggtcagaa	ttcttacaca	agagccagga	ccacaccctg	tagcctttct	gtgcaaacaa	1680
tttgacctta	ctgttttagc	ctagccctca	tgtctgcatg	cagcggctgc	cactgcttta	1740
atacttttag	aggccctcaa	aatcacaaac	tatgctcaac	tcactctcta	cagttctcat	1800
aacttccaaa	atctattttc	ttcttcatac	ctgacgcata	tactttctgc	tcccccgctc	1860
cttcagctat	actcactctt	tggtgagctc	cccacaatta	ccattgttcc	tggtccagac	1920
ttcaatccgg	cctcccacat	tatacctgat	accacacctg	accccatga	ctgtatctct	1980
cggatccacc	tgacattcac	cccatttccc	catatttctc	tctttcctgt	tcctcacctc	2040
gatcacgctt	gatttattga	tggtcggttc	accaggccta	atcgccacac	accagcaaag	2100
gcaggctatg	ctatagtaca	agccactagc	cgcctcttta	gaacctctca	tttcccttcc	2160
atcgtggaaa	tctatcctca	aggaaataac	ttctcagtgt	tccatctgct	attctactac	2220
tcctcaagga	ttattcaggc	cccttccctt	ccccacacat	caagcttgaa	gatttgcccc	2280
caccagggga	ctggcaaatt	agctttacct	caacaatgcc	ctgaggctcag	gaaactaaaa	2340
tacctcttag	tctaaataga	cactttcact	ggataggtag	aggcctttcc	tgagggtctc	2400
gagaaggcca	ccgcagtcac	ttcttccatt	ctgtcagaca	taattcctca	gtttagcctt	2460
cccacctcaa	tacagtctga	taacagacga	gcctttatta	gtcaaatacag	ccaagcagtt	2520
tttcaggctc	ttagtattct	gtgaaacctt	tatatccctt	acggctcctc	atcttcaaga	2580
aaagtagaat	ggactaaagg	tcttttaaaa	acacacctca	ccaagctcag	ccaccaactt	2640
aaaaaggact	ggacaatact	tttaccactt	tcccttctca	gaattcaggc	ctgtcctcgg	2700
aatgctacag	ggtacagccc	atttaagctc	ctgtatagat	gctccttttt	attaggcccc	2760
agtctcattc	cagacaccag	accaacttag	actgtgcccc	aaaaaacttg	tcacccctac	2820
tatcttctgt	ctagtcatac	tcctattcac	cgttctcaac	tactcataca	tgccctgctc	2880
ttgtttacac	tgccgggtta	cactgtttct	ccaagccatc	acagctgata	tctcctgggtg	2940
ctatcccca	actgccactc	ttaactcttg	aagtaaataa	ataatctttg	ttggcaggac	3000
tatgctgaac	ctccttaggc	actctcta	cagatattct	gagtcgtccc	aattcttaga	3060
ca						3062

<210> 8832  
 <211> 1544  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (822)...(1485)
<223> similar to gil778210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8832
tttttttttt gacttctgaa cacatttatt tgatatgtca agtggagaga ggagtgattt 60
agggtttctc cccacttcta cctgtggggg tggtcataag ctcagacaga cagaagagca 120
gcttagagcc catgaccac cccctgggaa aatgagacaa tctgtttag ttgttgagg 180
aacagggtgg gaataaaaag caggaagtgt agaagtgaag ttgagagcag taaagacagc 240
agcagaactg aggctggggg ttgctgcagg aacccccaa agagtgaaa aagatatact 300
gaaaagtggg tggggttaga agcagggtgt gaataaggag ccaggcctgg agaaagaagc 360
aagacctgca gaatgggctg ggatgtccac ggagagagtg tgcaaatca tgataggctg 420
tgtttcaggg catacatgga aagcaaggga ttgcttctgc aggagggcaa agacatcgga 480
gactgcccac aagtaagggt tccctactgc ttctgaacaa atgcaagaga gtttgggacc 540
ctagccctgt gtgtttattg atatgctgtg cctgtaggta cacaagtaat cccatatgca 600
tgtgaaatga ccaggggcat aatacatgtg tgtatatacc cagtaaatag agtacttatt 660
ctttcttgct aataagagta ctgtgcttat ggacacatgt ttaaccatgt gtgggtgcac 720
tgtgcacca tgagcacatg caagagatcc ctttgttctg ggtgtgtgtg taagctgggt 780
ctcccaccta tcccattaag gtccataatc ccacctctc tggctcctc cactcctctc 840
agcgccctgg ctccccaggc ccacctagac tctggaagcc cccagcagg cggatctgct 900
cagtctgcat ggagtggcgt ctcaccaatt tgcgcttggt cctgggagag cctggcgccc 960
cggcataagg aggggcaggc aacgaaggcg cccgacctcc ggggtgtggg cgaatgtcag 1020
ggatgggagg gtggggactg acgttgagag ggggtaggaa acccggccgc gtttgcgaga 1080
tgtgttccag gagcaacgtc cccgagcccc tccgctccag cagccccgga ctccgcctcc 1140
ttccgcttag cggagatact gcccctggca gactctctg ggactggcgc ggagaggag 1200
ccgagccggc tggaggaggt gtcaacgggg aggcgtgtg tcggcgccgc tccagggaca 1260
ggcggctgga ctcaggcgag tcagggcaaa ggtgtccagg ggtgtccagc tccactggct 1320
ccatgcggct cagtttctgc ctcagccctg aagggggacc agactcctga gcttctgggt 1380
ctgtgtttcg gcgagagaga ggacccccgc tagtcacttt ctccgcccac gggggcgggt 1440
cctcagggcc ttcgggtgctg tgacgtcggg aaagacgggg tcgaccgggc agggtcaggc 1500
cattgaattc ggcagtcaag cgcctcgtgc aagctggcgt atct 1544

```

```

<210> 8833
<211> 765
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (461)...(765)
<223> similar to gi9451 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8833
tttttttttt ttcacagcgg tttcaggctt tattaacaaa cggtgtaaaa aaccagacgg      60
atctggagga agggacaggg ctgcccgtct cagctctcaa ccttcccaga gaggggccag      120
gcctggcagc cctgtgcgtc gcgcctccta agcagtcaac cttgtcccct ccaaggacag      180
gcatctgacc caatccaggt cccagggagg cggagtcgca aaccctaact ctgggggtgta      240
ttctgctcgg cctcctctcc cctccccag atagctctcc cagcctgggg cacggacagc      300
acagactttg cagacatcac ccggggaggt ttctcagtgc agacaggagc tgaggtaggg      360
gttgagagag ctgacctcga gagggccccg agggccagga aggaaaagga gtcattccac      420
tctgagaagc tcaaacacaa cagacttcac actgctgacg ggtggacaga ggccaggctc      480
ctccctcgg caggcctctg tttctgggcc cagggtgggt gaggactcac tgaggagag      540
caggtaaaag aaccgcgaga cagtaggcga tcatcaggtg ctggcgcccc tccctcctcc      600
cctgccttgg ctgtcagtct gtagcttcac aggtctttgc tgaattccct caccagcgtg      660
tagcccaggc agccccagcc cccctcggcg tggtagccac agccctccgg acgcgtgggt      720
cgacccgnnn gncngccga tgcgatgatc caaaannnnt gcccc      765

```

<210> 8834

<211> 943

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (483)...(46)

<223> similar to gi6015448 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8834
ccgaggggatg agccggcagt gggcagggga ccacgcacct ggttgaaggg actgggagcc      60
cgcaactgggg aactgccgga cgcaggccct cgggcaggag catctggcag agtggggggc      120
gtggcaggca cctcctttg cagggcgagg tggggcctct gcagccatcc tggacaggcc      180
gggggtggcgg cagcttttgc cacgtggaag cgggggtgggt ctcaacttgcg tgggtggcccc      240
tggccccatc ttgcctgctg cggcctgggg agcaggcgct ggggtggtggt tctgcctgct      300
tgctgctcgt tccccgggca tgcgtgggca gcggggggca tgcgtgggca gcagggggcg      360
tgggcagcgg gggcatgggc aggaccacgt gggccgtgat cgtgggttgc cgagaggacc      420
tgagcgctgc ggctctgctg aatggagccg ggtccctcag gccgtggacg ccctcgggag      480
gggggtgact gtggcttgtg tctggacagg aatgtgtcat ttcccacatc ttctagaggg      540
ctgccagctg ggaagacagt tatcagggca agctgtgctc tgagtttcgg gttctgctcc      600
tacaagaac gtgcggtgct gcgggcgagg gccccggcac ggacaagggc cactgcagag      660
tgtgtttctg ctgcgcagct gccctgggca gcggatgggc tgggcgatgc agctggatgc      720
acatctcatt ctgtcatgaa tgtccagtaa aaatctgaat tggttgcaaa aaaaaaaaaa      780
ggggggggccc tttttaaaga atccttgggg ggcccaaatt ttacgggggc tggggaggta      840
ttattttttt ccttatgggg agcctattat aaacctacc tgggattttt ggaaaggaac      900
ctttctttgt ggggggggac ataatggacc aacctcccta caa      943

```

<210> 8835  
 <211> 720  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(721)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (271)...(664)  
 <223> similar to gi1545805 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8835									
tttattttatt	acacagccag	attacttgac	tccttatggt	tgaagtcccc	agtttagatt				60
ggttattaag	taagcattca	ttagattttc	aattatttat	aaaagctaaa	tataaagaac				120
cacaaactat	ttcaacaagt	taatacagcc	aaagcatata	gataaatata	tgaaacaata				180
cagttaaatac	atgagaccaa	aaattcagtc	tttcatcagt	ctggaaataa	acaaatat				240
tgtgtgtgat	tgtttctgaa	actgcagaca	ggatttttta	attcttaact	cctactgtgt				300
tcagtacatt	attcagaaga	ttagccagga	acagaaaatg	tgcaatttaa	tttccttag				360
gttcaaggta	taagctaaac	agagtctttc	cctgcccata	ttatcaagtt	ggctgtgttt				420
cactggatag	gagatgggac	agtgggaatc	ttgtttgttc	attgatgggc	gtcattattt				480
agatgggtgag	gcatttggct	accttgaaag	ncatctttac	tcctgtttac	cctcacttta				540
ttgaatttct	ttactttgac	tttcagagct	ctgggcagaa	atcacatatt	attttggagg				600
actttgttat	tttattcaag	ttaaagtata	gggtttcccc	aaattgaaaa	ccagagtagc				660
ctatgatcat	tcctgtggg	attctttaac	tgtaaggca	aaaaaaaaatg	cagttgcact				720

<210> 8836  
 <211> 1806  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1807)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (58)...(1806)  
 <223> similar to gi2429362 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



```

<400> 8836
gattgcgccc tgggaccctg agaccgncga anttcannng antagggggg cggagcggtt 60
ccgcccattcc ccgaccaggc ctgggatggc tccaccgcg ctggctccaa aataacgagg 120
ggcgggggcc cgggcggtgg gagcgctga ggggcaggag tccagtgttt tagccttcga 180
aggaccatgg tgcttccacg tcatcggtt gtggcgctcc cggctatggc agtaccgtag 240
tttctctctc ttctgcctgc ggtgaccatt gggctgtagg gtgccccgag gcctccctgg 300
ccccctcacg ccggcagaat ggcctcagcc cgagggggcca agcagtcttc gccccgggtg 360
gggaccaccc gctacacaga gacgtccacg gtccgcgtgg agacctcgtc ccaccgctg 420
gagacgtcgt cccggcggtt ggagacctcc cagcgccgca gcgagggggc ctccctctcc 480
ccctcgggga agcggctccc tcgcatcctc gaggcgtcct cccggcacgt ggaatcctcc 540
tcgcagcgca cggaaacgac ctcccgccac gtcagagcct cgtccctgag ggtggagacg 600
tctctgcact gcgcggagag cccgaccccg cgggccaagc cggccgcccg ccagaacgaa 660
aaaacggccc gatgagatgc tgcttcccaa aggccacca ggggccaggg ccctcagcca 720
ggacagaaag gcctccagtt gccagccagc cagccagctg ccagggtggc caatcatttt 780
cggtttcatg gaaacaaacc ataatcaat gtaagaaaca gccaagccgc agtttctgaa 840
cacagccaac gtttactgac cgtcctgcgt cttggaccag cctacttttg acccagttaa 900
ctattttcac ttgaagccag cacagaaggt tttcaggccc aggatgctgt ctaaactcggg 960
ttgatggaca aagagaggct gtttgagcct ctgagccagg tgagtgtggg atccacagcc 1020
ctcagaaaac cttcaccctc taggaacaga gaccaaactg aaataatgac ctgtggaatg 1080
attccatgcc tgctaaaaac tcgaggggca aggaacagac tcataaatta ttaattggcc 1140
tttgtttatg tttcaaagta aatggtcgtt ttctttatgc taagtctttg tacctggcac 1200
ccccatccat acactttttt aaggtaggtt agatgtggtt aaaaatgaca gtaaaccac 1260
cagcaagcaa aaataatctt agaaagttag aggaggtcac tgaaacctgg cctgaggttt 1320
gaagaagatg gagaagagtt atattttatt agaaccggct ctgtgccagg cactagatgt 1380
tcctccactt acgatggggt tacctcccgt tgaaactatt gtaagttgaa aatatggtaa 1440
tttgaaaatg cacttaatac ccctaaccta ctaaactca tggcttagcc tagcctacct 1500
taaacatgct cagaacacct aaagttgagc aaaatcatct aacagaaagc ctgttttata 1560
ataaaatggt gaatatctca tgtaatttat tgcatactgt actaaaagt aaaaaagaatg 1620
gttgtaagag tacttaaaagt actattttta ctgaatgtca cttttgtacc attgtaaagt 1680
cgaaaaatca taagtcaaac catcttaagt tgggaactgt ctgtattttg ggaacttggg 1740
ctatagcagt aaaaaaggca aagtcccagc tctagtggag cttacacttt ggtgaaaaaa 1806
aaaaaa

```

```

<210> 8837
<211> 1533
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (573)...(968)
<223> similar to gi5002521 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8837
attagtccag tgcgggtggaa ttcggaagag aaagggtctg ttgtttttct ctctgttttc 60
tcgtccctc tctgctgac acaaagctgc tgaccgggtc agaaagtcct gatggaaatc 120
caccagcgct gggcaggccc ctctcctccc agggagcttg tccttgccca atttttcttc 180
gtcctgatga gaacaaaaaa gagagagaga agaaaagaaa aaccacaaac ttcctttgaa 240

```

aaccagcttg	tagtcagggc	cggagcgca	tgccatagac	tcggcgactc	aggaatcctg	300
aagactctct	gagcgacctg	gagcaccttg	gctgtgtccc	tgctgcctt	caccctcctc	360
cagtgccttc	agtactgggc	gtgagtcagg	aagtggccac	aaccagcct	ggaccgtcgc	420
ttataaagct	gtgtaaacct	gtataagctc	aggcggtgac	agctggaagg	cagctggcac	480
tggcagcccc	cttcattgca	cctatctccc	ccatctcatt	gccacggctg	aaccctcctt	540
ctcaatcttg	gaacagcacc	cccttcttta	aggtgaagct	ccccccgcag	aaggaagtga	600
tcacatcgga	tgagctcatg	gccccatctt	gaaactgcct	cctgtccatc	aagccccagg	660
agaagtcaga	gggacttcag	cttaattttc	agcagaatgt	ggatgatgca	atgacagtgc	720
tgccataaact	ggccacagggt	ctggatgtca	atgtgcgatt	cacaggcgtc	tctgattttg	780
agtatacacc	cgagtgcagt	gtctttgacc	tgctaggcat	acctctgtac	catggctggc	840
ttgttgatcc	acagcagagt	cctgaggctg	tgcgtagcgt	tgggaaactg	agttacaacc	900
agctgggtgga	gaggatcatc	acctgcaaac	actccagtga	caccaacctc	gtgacagaaa	960
gcctgattgc	agagcagttc	ctggagacca	ccgcggccca	tctgacctac	cacggactgt	1020
gtgagctgac	agcagctgct	aaggagggtg	aacttagcgt	ctttttccga	aacaaccact	1080
ttagcaccat	gactaagcat	aagagtcact	tatacctact	ggtcactgac	cagggctttc	1140
tacaggagga	gcaagtcgta	tgggagagcc	tgcacaatgt	ggatggagac	agctgctttt	1200
gtgactctga	ctttcacctg	agtcattccc	tgggcaagggt	gcctggagca	gaaggtggga	1260
gtggctcccc	agaaaagcag	ctgcaggtag	accaggacta	cctgattgct	ctgtccctgc	1320
agcagcaaca	gccacgaggg	ccgctggggc	ttaccgactt	ggagctggcc	cagcagcttc	1380
agcaagagga	gtatcaacag	cagcaggcag	cgcagccagt	gcggatgcgg	acgcgggtcc	1440
tgctactgca	ggggagagga	gccacatctg	gacgcccagc	cggggagcgt	cggcagaggg	1500
cgaagcacga	gtcagactgc	attctgctgt	agc			1533

<210> 8838

<211> 1320

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (464)...(1210)

<223> similar to gil60182 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

actcgtgccg	tggaattcct	gcattaaaga	aaaagctcct	ggaggactcc	tgaagcctga	60
ggcagccttg	gggcagcagt	ggctcatggt	ttacattgga	aagacggtgc	ctcccatcat	120
tctagcccct	cactgcctgg	ggagctggag	gcttaaatgc	ctgagaggag	tgaggtgttg	180
aagaattgcc	tgcatccag	ggatggagcg	tggtggaaga	ccaactcagt	gcctcacagg	240
ggtaattgag	tcatgagggg	tggagaagag	ggcgagaggg	agagaggata	aatagcagcg	300
tggcttcctc	ggctcctctc	tgcatccttc	ccgaccttcc	cagcaatatg	catcttgcac	360
gtctggctcg	ctcctgctcc	ctccttctgc	tactgggggc	cctgtctgga	tgggcggcca	420
gcgatgacct	cattgagaag	gtcattgaag	ggatcaaccg	agggctgagc	aatgcagaga	480
gagaggtggg	caaggccctg	gatggcatca	acagtggaat	cacgcatgcc	ggaagggaag	540
tggagaaggt	tttcaacgga	cttagcaaca	tggggagcca	caccggcaag	gagttggaca	600
aaggcgtcca	ggggtcaaac	cacggcatgg	acaaggttgc	ccatgagatc	aaccatggta	660
ttggacaagc	aggaaaggaa	gcagagaagc	ttggccatgg	ggatcaacaac	gctgctggac	720
aggccgggaa	ggaagcagac	aaagcgggtcc	aagggttcca	cactgggggtc	caccaggctg	780
ggaaggaagc	agagaaactt	ggccaagggg	tcaaccatgc	tgctgaccag	gctggaaagg	840
aagtggagaa	gcttggccaa	ggtgcccacc	atgctgctgg	ccaggccggg	aaggagctgc	900

agaatgctca	taatggggtc	aaccaagcca	gcaaggaggc	caaccagctg	ctgaatggca	960
accatcaaag	eggatcttcc	agccatcaag	gagggggccac	aaccacgccg	ttagcctctg	1020
gggcctcggg	caacacgcct	ttcatcaacc	ttcccgcctt	gtggaggagc	gtcgccaaca	1080
tcatgcccta	aactggcatc	cggccttgct	gggagaataa	tgteggcgtt	gtcacatcag	1140
ctgacatgac	ctggaggggt	tgggggtggg	ggacaggttt	ctgaaatccc	tgaagggggg	1200
tgtactggga	tttgtgaata	aacttgatac	actaaaaaaaa	aaaaaaagg	ggggccgttt	1260
taaaggatcc	aagtttactt	ccccgggcat	gcgaggttat	agttttttta	tagggccacg	1320

<210> 8839  
 <211> 1459  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1460)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (341)...(1430)  
 <223> similar to gi2982501 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8839						
tttcgtacag	agggaaggag	gtggctccta	tcagatgaca	gacacttctc	aaaagacagc	60
ttttcttcc	ggagaacaga	ctttttcagc	aggattttcc	tttcagtga	acataatttg	120
gcttgaaaag	aaccacagga	aaagtgtcca	ggtgtgagca	tgagcgggta	gaggtgtgcc	180
cttggttgct	tcaggctgtc	tgcttttcgc	ccctgactgt	tttttctgtt	tctggccatg	240
gaggaagaga	aagatgacaa	gcccacaggc	tgacttctgc	ctgggcaccg	ccctgcactc	300
ttggggactg	tggttcacgg	aggaagggtc	accgtccacc	atgctgacgg	ggattgcagt	360
tggagccctc	ctggccctgg	ccttggttgg	tgctctcatc	cttttcatgt	tcagaaggct	420
tagacaattt	cgacaagcac	agccactcc	tcagtaccgg	ttccggaaga	gagacaaagt	480
gatgttttac	ggccggaaga	tcagtaggaa	ggtgaccaca	ctccccaaca	cccttgtgga	540
gaacactgcc	ctgccccggc	agcgggccag	gaagaggacc	aaggtgctgt	ctttggccaa	600
gaggattctg	cgtttcaaga	aggaataccc	ggccctgcag	cccaaggagc	ccccgccctc	660
cctgctggag	gccgacctca	cggagtttga	cgtgaagaat	tctcacctgc	catcggaagt	720
tctgtacatg	ctgaaaaacg	ttcgggtcct	gggccacttt	gagaagccgc	tgttcctgga	780
gcttttcaaa	cacatcgtct	ttgtgcagct	gcaggaagg	gagcacgtct	tccagcccag	840
ggagccggac	cccagcatct	gtgtggtgca	ggacgggcgg	ctggaggtct	gcacccagga	900
cactgaccgg	caccgaggtg	gtggtgaaag	aggttctggc	gggagacagc	gtccacagcc	960
tgctcagcat	cctggacatc	atcaccggcc	atgctgcacc	ttacaaaacg	gtctccgtcc	1020
gcgcggccat	cccgtccacc	atcctccggc	ttccagctgc	ggcttttcat	ggagtttttg	1080
agaaatatcc	ggaaactctg	gtgagggtgg	tgcatatcat	catggtgcgg	ctgcagaggg	1140
tgacctttct	ggctctgcac	aactacctcg	gcctgaccac	agagctcttc	aacgctgaga	1200
gccaggccat	ccctctcgtg	tctgtagcca	gtgtggctgc	cgggaaggcc	aagaagcagg	1260
tgttctatgg	cgaagaagag	cggcttaaaa	agccaccgcg	gctccaggag	tcctgtgact	1320
cagggtactgt	cctgcaccaa	ggagggcaat	gtccagcccc	agagtccggg	ggatcctgct	1380
cccactgcct	caggtcaccc	caggtcatct	tgcatatgcc	tgaggccacc	acacacatnc	1440
cnngtcacc	tcacacggg					1459

<210> 8840  
 <211> 810  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (340)...(793)  
 <223> similar to gi4432833 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8840						60
gaccaaaggg	ctggtcatga	tctgctccag	aaggggagta	agaatttcgt	tctccatttt	
acagagtatg	tatttgaaaa	aaggatctcc	cccaaaaata	cgcctagga	attggtcact	120
aaacgtggaa	gtaagtagaa	atcaatgaaa	gtccatttcg	gcaagggaga	aaaatcccat	180
cgtggaggag	gggggcactc	tccctcctca	aaaaacaccc	cagagtgaaa	cgagccgaaa	240
tcccaagaag	tggcttcgac	gacggacacc	acgagcagca	gcctgcgctg	gaaatgtctg	300
taccgggcga	ggaggggcag	agaaaaggca	tctggaggag	gaggaaggga	aagggggctg	360
gaacccaaga	caaaaagccc	gtcaagggtg	tccagctcct	ggaggatcca	gaccagcgaa	420
actgctccca	atgaatcaat	cccagcgggg	gctaaatgaa	atacgttaaa	cagagaccac	480
gttaaggata	ccgaggcgcc	accagactcg	acctcggcgt	tccgacctct	acacgttcca	540
cccaccgatg	ggcatggagc	cgctttcgac	ccgcggagcc	tccactgccc	gcagcccctc	600
agtaccaaca	ggcagggctc	gccccctccc	cccagacaga	caccattcct	ccgccgcctc	660
caagcctcgc	ctccagcccc	cttccccctc	cggggtgggg	ggcttgaatg	tgtgtcccta	720
acccccagc	ttcctaagcc	ctgccagcct	ttcagcgcgt	ctctgggaat	ccctggcaca	780
aatcaccgc	cgcgctccag	ccttacgaaa				810

<210> 8841  
 <211> 962  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(963)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (233)...(861)  
 <223> similar to gi912755 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8841
atggggaaat gagcctccgn ctttcacnnn ctcnngnttg aancccgggc gggatttgtg 60
ggctctnnnc ttttctctgt atttcccggt cgggggagta ggttgaagtc tcctaagatg 120
cccgggtgggc tgcgggcacc gggagctgtg aaggggaacgt gagggggcgg cgtagtggag 180
accacgggca ggcctgaaga agagcggcgg ccgagccgc cttccctgca ccatgctcat 240
agaggatgtg gatgccctca agtcctggct ggccaagtta ctggagccga tatgtgatgc 300
tgatccttca gccttagcca actatgttgt agcactggtc aagaaggaca aacctgagaa 360
agaattaaaa gccttttgtg ctgatcaact tgatgtcttt ttacaaaaag aaacttcagg 420
ttttgtggac aaactatttg aaagtctcta tactaagaac taccttccac ttttgaacc 480
agtaaaagcc tgagccaaaa ccactagttc caagaaaaag aagaaattaa agaagaggta 540
tttcaggagc cagcagagga agaacgagat ggcagaaaaa agaaatatcc tagtccccag 600
aagactcgtt cagaatctag tgaacgaagg acacgtgaga aaaaaagaga agacgggaaa 660
tgagagagact atgaccggta ctatgagcgg aatgaattgt accgtgagaa gtatgactgg 720
agaagaggca ggagtaagag tcggagtaag agtcgaggcc tgagtgcgag tagaagccga 780
agtagggggc gcagcaaaaga ccgggatcca aataggaatg ttgagcacag ggaaagatcg 840
aagtttaaga gtgaaaggaa tgacctggag agttcctatg tgctgtgtc tgcaccacct 900
ccaaactctt ctgagcagta ttccctctggg gcacagtcta ttcccagcac tgttactgtg 960
ag

```

```

<210> 8842
<211> 1236
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (124)...(1227)
<223> similar to gi3646450 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8842
atgaattccc gggctcgacga tttcgtgccg cagcccgcg agcatttttct cggagggtccc 60
gggattacgg tgctcgagca cgctgggtgg aaaggaccgc ggacttgaac agtggtgtgc 120
ggcgccatgc aggtctccag cctcaatgag gtgaagattt acagcctcag ctgcggcaag 180
tcccttctct agtggtcttc tgataggaag aagagagcgc tacagaagaa agatgtagat 240
gtccgtagga gaattgaact tattcaggac tttgaaatgc ctactgtgtg taccactatt 300
aagggtgtcaa aagatggaca gtacatttta gcaactggaa catataaacc tcgggttcga 360
tgttatgaca cctatcaatt atccttgaag tttgaaagggt gtttagattc agaagtgtc 420
acctttgaaa ttttgtctga tgactactca aagattgtct tcttacataa tgatagatac 480
attgaatttc attcgcaatc aggtttttac taaaaacca gaataccaaa gtttgggaga 540
gatttctctt accactatcc atcctgtgac ttgtactttg ttggtgcaag ttctgaagtt 600
tatagggttaa acttagaaca aggacgatac ctgaaatcctc taaaaactga tgctgcggag 660
aataatgttt gtgacataaa ttcagtgcac ggcttgtttg ccacaggaac catagagggt 720
agagtggagt gctgggaccc aagaactcga aacagagttg gcctgttaga ctgcgcctta 780
aacagtgtca cagcagattc agagataaac cagtttacca acaatctctg ctttgaaatt 840
taattgggtgc cttgaccatg gcagttggaa caaccacagg gcaggtttta ttatatgacc 900
ttcgatctga taagccattg ctagttaaag atcaccagta tgggctgccc attaagtcgg 960
ttcatttcca ggattcatta gatctgattt tgtctgctga ctctcgaatt gtcaagatgt 1020
ggaataagaa ctccggaaaa atatttactt ccttggagcc agagcatgac cttaatgatg 1080

```

```

tttgtctcta cccaactca ggcattgcttc tgacggccaa tgaaaccccc aagatgggca 1140
tctattacat tccagttttg ggtcctgctc ctcggtggtg ttccttctta gacaacttga 1200
ccgaagaatt agaagagaat ccagaaagca acgaaa 1236

```

```

<210> 8843
<211> 973
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (244)...(915)
<223> similar to gi2648019 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8843
tttcgtgacg gagctgtagc ggcactgtaa ctgcgagggc agcgccgcgt gtgtaacggc 60
gggggcgtgt cggcggggaag gacaatcggg ccgggactcg cgggtgtccg gtgaccgcgg 120
cttcctggga gcagacctct gtgggcactg tgaggcggaa cggagcggcg gggcaggagc 180
tggtctgggc agccttcctc ccgcgtggag tctaccccca agcccttctc ctcttcccaa 240
ttcttgtcac cttcgaggag gccatggaaa ccccaacacc tttgccgcct gtaccgcct 300
ccccgacctg caacccagcc ccacggacaa tccagatcga gttccacag catagctcgt 360
cgctgctgga atctctgaac cgccacaggc tagagggaaa gttctgtgat gtgtccctcc 420
tggtgcaggc ccgggaactt agggctcata aagcagtgtt agctgctgcc tctccttact 480
tccatgacaa gctgcttctg ggggatgcgc ctgctctcac tctaccgagt gtcattgaag 540
ccgatgcctt cgaggggctg ctccagctca tttattcagg gcgtctccgc ctgccactgg 600
atgctcttcc tgctcatctc cttgtggcca gtggccttca aatgtggcag gtagtagatc 660
agtgtcaga aattcttaga gaattagaaa cttcagggtg tggaatttca gcccgaggag 720
gaaactccta ccatgccctt ctttccacta catectctac aggaggctgg tgcattcgct 780
cttcgccttt ccagacccca gtacagtctt ctgcttctac tgaaagccct gcttccactg 840
agagccctgt gggaggggag ggaagtgaac tgggagaagt gctgcaaatt cagggtggaag 900
aagaagagga ggaggaggaa gatgatgatg atgaggacca ggggtcagcc acactctctc 960
agactttctca gcc 973

```

```

<210> 8844
<211> 2174
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2175)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature

```

<222> (955)...(152)

<223> similar to gi3044086 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8844
gactgnaagg agtgtcagaa agcgaaagac cggatggaga ggattaccag gaaaatcaaa      60
gactcggatg cctacagaag ggacgagctg aggctgcagg gggacccctg gagaaaggca      120
gcccgaagtgg agaaggagtt ctgccagctc cagtgggccg tggacccccc tgagaagcac      180
agggctgagc tgaggcggcg gctgttagaa cttcgaatgc agcagaacgg ccatgatccc      240
tcctcggggg tgcaggagtt catctcgggg atcagcagcc cctccttgag tgagaagcac      300
tacttcctga ggtggatgga gtggggcctg gcacgggtgg ccagcccgcg actgagacag      360
cctccggaga cgcttctcac cctgagacca aagcacgggg gcaccacaga cgtgggggag      420
ccgctctggc ctgagccctt aggggtggaa cacttcttgc gggagatggg acagttttat      480
gaggtcgaga gctgtcttgt ggaggcaggg aggctgccgg caggccagag gcgttttgcc      540
cacttcccag gcttggcctc ggagctgctg ctgacagggc tgccctctgga gctaatacgat      600
gggagcacgc tgagcatgcc cgtccgctgg gtcacagggc tcctgaagga gctgcacgtc      660
cgactggaga gacgggtcaag gctggtggtt ctgtcaaccg tcggggtgcc aggcacgggc      720
aagtccacac tcctcaacac catgtttggg ctgcggtttg ccacaggga gagctgcggt      780
cctcgagggg ccttcatgca gctcatcaca gtggctgagg gcttcagcca ggacctgggc      840
tgtgaccaca tcctggtgat agactccggg ggcttgatag gtggggcctt gacgtcagct      900
ggggacagat ttgagctgga ggcttccttg gccactctgc tcctgggact gagcaatgtc      960
accgtgatca gtctagctga aaccaaggac attccagcag ctattctgca tgcatttctg     1020
aggttagaaa aaacggggca catgcccac taccagtttg tataccagaa ccttcatgat     1080
gtatctgttc ccggccctag gccagagac aagagacagc tcctggatcc acctggtgac     1140
ctgagcaggg ctgcagccca gatggagaaa cagggcgacg gcttccgggc actggcaggc     1200
ctggccttct gcgacctga gaagcagcac atctggcaca tcccaggcct gtggcacgga     1260
gcacctccca tggccgcagt gagcttggcc tacagtgaag ccatatttga attgaagaga     1320
tgctactcg aaaacatcag gaacggcttg tcgaaccaa aaaaaacat ccagcagctc     1380
attgagctgg tgagacggct gtgagtgtgc agagaaaccc agttcagggt taggaggctg     1440
ctgtgggcag ccctgtctga tggggcaccc gtgtggggct gtgctctggt gcctgagaat     1500
ggctggtgcc caatcgacat gagaagacga gcaaaagaca gagggttttg agtctcctca     1560
acagtgttaa aagaggaagt gacctcacag accagctcag agatgttacc aagaatatca     1620
cagccccag ggtagggaga caagcagcag tttgttctgt ctgagctcct gtcaaggatc     1680
ctgcgggggt ggccctctgt atagctgctc tctgtcactg gccctggag tgggagcagc     1740
gtccttagtc actgcaggcc caggcgggca ggtggtccca ggacagaggt ggggaagttg     1800
tcctgaggaa gcagaagtag gccttgctcc cgcccaaccc aagggcctcc agtggaccag     1860
cattcaagat gtgagtccc gtggtgtgca aggcactccc atggcacctg atttattgac     1920
tgatctgtga aggettcctt gaccttgcc caggaagagt tcaactggtc ctctgttgtg     1980
ccccacagca ctttgttata cctctgccac acacttcacg cagcgcgttg taactcatgt     2040
gtttacatgt ctgtccccc agactgtgag ctcttgagg gcagggactg tacattctcc     2100
agctctgtgt cccaggggcc tggcacattg tagacgtta ataaatgtct gttaaataaa     2160
aaaaaaaaa aagg                                     2174
```

<210> 8845

<211> 945

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (187)...(940)

<223> similar to gi3876566 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8845
ttgcgtgtcc ccaggagctg ggagcgggtg accggcggcg gggaagcggc ctgggttggc    60
cctcagattg cggggctctg gggcatctcg ccgggcaaac ccttgcccg cctacaagga    120
cttcccccg ccagagcaat ggccgctgag aacagcaagc agttttggaa gaggagcgt    180
aagctgccgg ggagcattca gcctgtatat ggagcacagc atcctcctct tgaccacgg    240
ctcacaaaa atttcattaa agaacgatca aaagtcaaca cagttcctct gaagaataag    300
aaggcctcca gttttcatga gtttgacgg aataccagtg atgcttggga cattggcgat    360
gatgaggaag aggacttttc ctcaccttct ttccaaactc tgaactcaaa agttgctttg    420
gcaactgcag cccaagttct agaaaaccac agcatgctga gagtaaaacc agaacggtcc    480
cagtcaacga catcggacgt ccctgccaac tacaaggcca taaagcccag cattgatgcc    540
cagctgtgca gaaactctag tgatacatgc ctgaggaacc cactccacaa acagcaatca    600
ctccctctcc ggcccatcat cccctcgtt gcccgatct cggatcagaa cgcttctggg    660
gccccccaa tgactgtccg ggagaaaacc cgcctagaaa aattccgtca acttctctcc    720
agccagaaca ctgacttaga tgaactgagg aagtgtagct ggccaggggt tcccagggag    780
gttcgacctt taacctggag actcctgtcg ggctatctcc cagcaaacac tgagaggagg    840
aagttgacct tgcagcggaa gcgggaggaa tattttggct tcattgaaca gtattatgac    900
tctcgaaacg aggaacatca ccaggatacc tacagacagt gtatt                    945
```

<210> 8846

<211> 2103

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1399)...(2102)

<223> similar to gil185397 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8846
aatacatgcc tccatttggt aaaaataatt gttcttttat ttctttggaa agtagtgggc    60
cctgccctat ggattttcag gtcaaaactag ggtaatgaat gctcccctag tctttgggct    120
ggagcactat ggtcccagct ttcccagggc ccagaagcaa ttctgtatt gtccaacca    180
agcaactagg acccaaattg tctgaaggct cctatcaggc cttctctcct gaccaccac    240
ttccaatct ttcttggtt tccctctggg cagggtatct ttttcttcta aaaccagtgc    300
tggaacctgt gctgtgcaga agagaggaca agacgaggga tgttcccaa ttcccataag    360
aggacacagc ccctcagtca gtcccttctc tctgctggct tcagtctgca ctccctctgca    420
agccccact gtgaggcttg aagatggaca agaggacct cataaaaggg aggtgagaga    480
aaacacacca tccaacccc tccctcaggc atactccttg tagtctcttg tccctagttct    540
caaggagacc cttcagacag ggatggggaa ggctaggtga gtgggcaagg gccccctgac    600
cccagccctg cgaggctata ccaggggagt gtccattagc cccatcagtg tggcatggcc    660
gtgatgcgca tgctctggga agcgataggg taagtcacca tgggagtggg ggtgtggctc    720
attgtgattc ctgccaaggg ttgggccatc gatacagcca caggggccac aggagccaca    780
```



gatacagcca	caggagccat	ggagacaggt	ggaggtgcca	ttccctgggc	aattgtttga	840
gccagggcag	ctgacagtgg	cgtgatctct	ggggcaagt	gtgggggtgg	gggtggtgga	900
gcagcaggag	gtgcagcatt	agttggggga	gcagctggag	ctccagcagg	ggccaccagt	960
tcttgctggg	acactggacg	aggctgtaga	gcctggctgc	tgagagtagt	gtgagtctgg	1020
gcaatgccat	ggttaaaagt	ggcaacagtg	cccacagtg	gggccagagt	ctgctcagtc	1080
gctggtgcag	tggagctcag	ggttatgacc	ttggcctgat	tgcggaactg	agcattttgt	1140
tccagtagta	cctcattggt	ggccagcagg	ttgctgacct	gcttccttaa	ctcctctacc	1200
cgcttcctga	gcatggcatt	ctcctcctct	agcagtctgc	actccacccc	tcgcggtgga	1260
gccaaactat	attcatatga	ctcaaaatga	gggccatcag	gggggcagca	tccacctcgc	1320
cggcgttttg	ggcgtggctc	atggctctca	aagcccctgt	caggaaggtc	atagatatca	1380
tagagatcat	gacgtcgtcc	tgggaggact	gagcctgttg	agccccacc	agtgcctcct	1440
ccaccccgag	catcaaactc	aaaatcccgt	tgcaggtgac	ggaacttgca	cttggtcctc	1500
ctctgacagt	cacccttgag	aaagtcacgg	cagataggga	cctcctcctt	gccatttggt	1560
aggtcagccg	gtgaaaggcc	aaggccagct	gctactttct	gcctcagccg	tgggggaagc	1620
tctcctgtct	tcttatagcc	atcctcatcc	tccttgagac	catggatgaa	acggcaattt	1680
gggcggctac	actccttggt	ctggaagtca	tggcagaaga	tgaactcggt	tttgctcacc	1740
cccaagttgg	acacctcgct	catgtctggg	tggcgatata	ggcaacgctt	gcctcgcttg	1800
cacacattcc	tcaagaagtc	tctacagatg	gcattctgagc	tggccccgcc	actgcctacc	1860
cctgccccac	tggcctcctc	gctgccacca	cctccagggc	ctccaccgct	gctcccggta	1920
ccgttggcac	agctgtcccg	gtcaggcatc	ctgggtccgc	ccaactcagg	gttttcttta	1980
tcttgccact	cttggtgacc	actgaggtag	ctcaggtgaa	gtccggggct	cctgtgggtc	2040
tccacctcca	catcactgct	gggttctgcc	gccgcccgcg	tagttgctgc	tgccgccacg	2100
aaa						2103

<210> 8847

<211> 689

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (399)...(689)

<223> similar to gil345538 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8847

tttttttttt	ttccagtcgg	gttgaggttt	atttctgcca	gagcctggag	gctgggaggg	60
taaaggacac	tccttttagtc	ccagagggaa	gctccgaacc	ctcagagcaa	ccagaaggga	120
gggcagagca	tgggcagcag	caggagttag	aggggtcccc	ttgtcctgcc	cctttgcaag	180
ggttcaaggc	tgggtggaggc	ctggggcttc	tgtcgctcag	gagttcaggg	gtggacgcag	240
aaatggggga	aggagagtgg	ctacgtagag	agtgagagcg	agattcctaa	aaagatgcac	300
agagagaccc	tcagagaggc	caagaaagat	ggtgagaggg	tagggaagga	gagggagggga	360
gagagagaga	gagagagaga	agcagagggg	atgggttgca	ctggctgagg	atggtggagg	420
agccgtctca	ctcccttcct	aatgtctata	gatcaataac	gaggggaagaa	aggaggacag	480
ggagctgatg	gaaacacagc	ttgccaaactg	taccagctcc	ccaacaagc	aaggtagctc	540
cagtccttgc	ctccctgcct	gccccgctcc	tctgtgttta	ggggtcatcc	tttgatggga	600
ggttgacagg	gacccaggtg	ggggtgataa	atgccagagt	cctgcaccat	ttccaaaggg	660
caagaagtca	tagggcggct	cgtgccgag				689

<210> 8848  
 <211> 159  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (23)...(151)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8848	
tttttttttt ttaaaaaaca gattctcact cagttgccca ggctgaattg cggggggcgct	60
gtctaagctc actgcaacct ccgcctccca ggttcaaggg attctcctgc ctcatcctcc	120
tgagtagctg ggattacagg cgtgtgcacc atgcccaac	159

<210> 8849  
 <211> 964  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (495)...(946)  
 <223> similar to gi22092 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8849	
cacctgagta aacactttca gctgccctcg agaaatggta ggattggcta tgtgctgagc	60
ctagtggcac tgcagctcat ggaggcagca ccggcttcag gccgctgtgg ccttggtgggt	120
ccctttgatg gcacggaggt ggataaatgc ctgcatcagc tgacactgag tttgtggaca	180
ccagggacct ctgcagctag ctgggaaatc tttcccagga ggtctccac cccttccctc	240
tggaaacaccc cctgacgagg ccaggggagg aaccctact ctatgttcta ctctggtacc	300
tagtgctcac ggtgagcagg ctggctcggg gcagccctcc tcagagctgg agcgcctttc	360
aggtgccctc tgaacagata ctgttcagaa tacagataaa cagatgccac caaggtcccc	420
tagctgtgca gtggaggggc aggtttcaaa atcagatctg tctccaaagt tcctgctctt	480
aaacaaagct gtcccatctt cccacccctc tccatgggccc tgtcctctcc tctaagtacc	540
atatcccaac tctcccagga ctggcatcat cttaagagtc agtgccctct ctgttcccag	600
ggtcccccact gactccaacc tgcccacgtc ctccactaca tgaaccaga actgttgtac	660
atgatggaac cacctccatg cccatgggta ctgtcctgcc accagcccca gtgggaggca	720
cctctgacct tcctgtcca accccagtac cccatcttga ccaaggccat gccctgacct	780
gcctccaaga acagaccagc agctcacccc ctagacaaaa tcacttcctc ttttaattgct	840
ggtgaagaag attcacacca ctgcctccaa ggagatgggg gggcatttcc cccttgcccc	900
cacctctctc ccctcccaa ttacctggtc ctttgcaaac tattttagcc agaaaaaaaa	960

```

<210> 8850
<211> 1097
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (736)...(1097)
<223> similar to gi5306259 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8850
tcttgttctt cccaacagag aggcccgttg aggtttctct gtcctccatg gggaacagca      60
ttggcctaaa cctgcagaca ccattgcaaa gggaagtcag ctcaggcaaa cccgctggtg      120
aagaagaatt ccagtgtggg gacacagaga ctgacatttc ttgccatggg tgatttaatt      180
ttgggcctca gtttttcatt cccccctaag agtatgacac agccgcatcc ttgccagggc      240
cggagggagg gtggatggac ttataggtgt tgcttgtggc tgggtgactt gcttctgcca      300
acgagatttt cacagacacg gcacaagcag aagcctggaa tgtgtggcac tgccaggcct      360
gccctcttag gctcttgatt ttccccacga gatatgcgtg ccccagggaa cggcggctct      420
ggctgtggaa tgagaggcgt gtggagcagg catggttccc accctcagcc tagagtcaag      480
gccagactag atcagcctaa gccagccac gccacgggtg cagcagtga gagcaaatgc      540
caactgtcca tgacagtgc tttcaaagg gtgtgtcatg tgcctcatcc cagcaacagg      600
gaaggcattt ctctatcagt cagttggtaa atgattattg acaatgtgtg ggaaaggggg      660
aacgatttgg agcagaatct ggccctctc tcttcacg aacctctcct ttcttacacg      720
cgcaggcccc ctctctcggt tcgaccctaa tccttaacag acctcctacc taccctggc      780
accaatcaca ccctcttcac accaccgtgc aaactaccct cccatcccat ctctctcccc      840
atctgctcta cagcctcgc ggaccctaga ccctccttac tcgcccgtca taatcctcta      900
ccatacgtc tccctccac ctccttcacc ccaccctcgc cactccccca tctctatccg      960
cctctctatc tctctctct tctccccacg actacttact tcacccttcc ctcttccttc     1020
acgccactcc gtctccctct ccacgcctgc cctcataatt taccatcac cctcttcctt     1080
cagggggaaa aactccc                                     1097

```

```

<210> 8851
<211> 3149
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1187)...(3123)
<223> similar to gil480744 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8851

cacttgattg	cagagaaggt	ctacagagca	gtggttagaa	cttgccctg	aggacagagc	60
ttttgctccg	tatgaggctg	gcaggtaacg	atcttctcag	ttttctccca	ggaattctgg	120
aacgatgaag	gtgatgattg	tgctgtggc	caagaccggg	agaaccctgg	atccctacac	180
cttccccacc	cctggaatgt	cactatacat	atctgacttc	ttctgatgtt	gcctttgacc	240
ctaaagtcaa	tatgataaag	taacaagaag	ctgggacaga	ggaacaaaaca	cagccactc	300
aagcagtggt	ggcaacattc	tgtagaaaag	gaggggagtc	aaagaaaaaa	acacccctcc	360
gcccattctc	ttatcacctc	cctaaagaca	gaggagaaca	tggacaccct	ccatcctgat	420
agacatgcc	tgtggtcagt	ttgtgcggt	aacaggaaaa	aaaaaaaacc	taaagatatt	480
gtagacctt	atcttcttta	aatctcctaa	taaaaacatt	aaactttcaa	gaagattcca	540
aactgacatt	gcatagacca	actcctttcc	aaaaatatct	ctgatatact	ctccaactct	600
ctcaatatat	agaatttgaa	gtccaggagc	tgtgggcacc	tgggtgggaat	tactgagct	660
caaggggaca	agagggctga	ggacagggct	cccacatggg	gacaaggcca	ggctttctgg	720
cctctgggtc	cagccagcat	caatttggtt	gtggccaaat	tctcagtgcca	atcacccctg	780
cccagggcct	ggcgtgggag	gatgtggcag	gctctgtctc	cttctggggg	tcctgggtctg	840
gaggagtctc	cccaacagcg	ccaaagctgg	ctgttttccg	cccaaagccc	cagaactttg	900
aatgagaggc	aaatctaccc	tgaatgcacc	tccctcctag	gctgggtgag	gtcacgcaga	960
cacagaaggg	caggacagaa	ctccccatct	tctggggggc	aattcgtctg	gacactgtgc	1020
ggtcagcttc	cttttttaaag	tgccagtatc	ggtggggcag	gaagggactc	tcagggctga	1080
gcagagcctt	ctccagcgcg	agcaaacact	ctgtcccgcc	tcggcaggca	ccttctaaca	1140
ttcattttct	aagggttagg	tgagtaaaac	aacaacaaca	aatgctggaa	atgctctgtt	1200
cccaatgcc	gggagtcca	agaccaagaa	gcccactct	caccagcggg	ggcagatggg	1260
gagctaggg	aggaaccctc	ccagcctggg	gagggcacct	gcacccctcc	cagagagaga	1320
agccccatc	ccggcccccc	agctggggcc	cagcgtgct	ggaaccagcc	ggcaggtggg	1380
gcagaaaagc	agcacctccc	ctcaccaggg	cgaggaggca	atattgaacc	gtgaactcaa	1440
gaagaaaagc	ggaaaagaaa	aatgaaaaaa	gctacagggc	taagtaaaca	ccagcctgct	1500
gggtttatac	aaaatgagtg	aaatttaaaa	ggggcaggag	agtttgtcca	gggactggct	1560
ggcagccaga	accacacttc	aagcaagtta	caaggacttg	ggggaaagtg	ctgagagcag	1620
aggctttagt	agggggcagg	gccagactgc	tccccactgg	gaaagcacac	cccttaaagg	1680
agcccttccc	ccttgcccag	aacgggggat	gcttccagag	gaaggctgag	gcttttctgg	1740
taaggaagcc	agctccggac	cagtccagcc	acagcccacc	tgccctctatg	gcacccgccc	1800
cagtctgggc	agctgaccct	gagggcagag	aaggactttg	cttgcctcaa	ccttccctgca	1860
ggaaaaccag	ctgctcagga	cccagccctg	ggcagagggc	acggctcggg	ctcagacctt	1920
tctcagcacg	ggtctcagac	ctgagctgga	gctaactgga	ggaagaggca	gcacccgttc	1980
ccgccgggct	gctggaccct	ggcctctga	ctgcacagca	ggcagtgacc	aggagtccct	2040
gggaaggagc	tcaggggaag	ggaggtgagg	ggcagtgagg	actgtgctgg	gggtgagcat	2100
gtgcaaagtg	caggctgcaa	ggcagcggga	ggacatttgc	cggggggagg	caggggtctc	2160
gatctggagt	gtgggtgggg	tctgaggtca	tggctcccag	gaagaggccg	ccagcaggtc	2220
ccccaggaca	caaggaagg	acagctgaag	cactaagcag	tcagacagtc	acaggtggca	2280
ggattccgga	ggcgtctggt	ccccccacc	accagggcaa	gggaacaacg	gagcaaggcc	2340
ctgctgctaa	gacgtgacca	aagccagtgc	tcctggagtg	agtggggaca	caggtagaga	2400
ggccccctca	gccacaggca	tctctacatt	taggagctgc	tgcatgtcct	cagccagagg	2460
gctgggtcag	tctccagcag	cgccggtcct	tgccagctcc	ttcttgccca	caagctgcac	2520
gggcccgcct	ggcctgcctg	gcctgccttc	tagtgggttc	gaggagaata	ttcacagtgg	2580
tgcttgggct	ttggtgggct	aggagggctc	cagcatggat	gggaggggca	atggaatgat	2640
gctacgggga	gtgtggactg	gagtgcagtg	aggaggcatg	gatgagatgt	ggcgagagg	2700
tgatctgaag	gggaaagtgc	ctcatggaat	gatacaggtc	tggactccag	agaaagcagg	2760
actcttctcc	agccccgaca	cctgtctctc	aatggcttct	aatcacact	ggctcgtaga	2820
ccccagaaga	gaccttggtg	gcaagctgga	tgccgctcag	cgtggcagag	ccatcgcgcc	2880
tcacgaacag	ccggaggttg	ctgtctctcg	tggtgctgcc	atctgtgaag	tcctggctct	2940
gcacgatctt	ctccacgatg	gcatccgcct	cgatccgcgt	gtcgtccacc	caggtcgggt	3000
ggctctccac	cgagtccttc	ttccgcctga	aagagcgatc	ggacagatgc	aggggcccgg	3060
gtggccgctg	cggcttctcc	gggggcccgt	gctcccgcct	actgcctcca	gggcccctca	3120
cggctcatgcc	aaggccccc	gagggcgctg				3149

<210> 8852  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (125)...(725)  
 <223> similar to gi19927 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8852
ggaggcatga gagggcactt gcacagatct tgtgtctgga aaggggaagc gggacagcag      60
gaggctccag ggagtaacct gaggaagctg ccttgggtgt gtcttgggtgc catgccttag      120
gcggccacca ggtggcgcca aacccacacg ccccggttc aggtgtgctg agctgcaccg      180
ccccagccgt gcacctactg cgtgcagagg gtgcagagcg cggccggtgc tcacccgcag      240
cggacaggat gggggcggtgt tccccagctg atgccgtctg ggccagactc agatgagagg      300
ccttgcttgc ctgatggccc taacttctcc agcaagctgg gggccgcggt atctccttgg      360
ctgcatgtcc catgctctgc ctgccaaagg actaggggaag aagcctcagg aaggtagaca      420
gatgcacccc ctatgtctgc agcacagtct ccatccccc gggctcaggc cagactgcta      480
gctcctgcct tcccttggcc ccagaccctc gcagtccgc tcctcagcct ctccccacca      540
atctccagca gatgtccacc cccaatgcc tctgcagcct cccacccgc agccctgtct      600
gaggtcagtc agcctgggccc ttgccatgcc tcaaaaacca tcccatggag taccttgtgg      660
ccaaaccac ctgccccgcc tctgacccca cctgtcctgg ctctgacccc acctgccccg      720
gcgc                                                                    724
  
```

<210> 8853  
 <211> 1841  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (973)...(1841)  
 <223> similar to gi4689262 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8853
cagttttgga aaagtgagct ctcggttctg ctctgagatg ggcagagaag atgcgggcca      60
ggagacttac tcaggtggga ctgggcacag ggcaggtatg tgggaggctg ggctgcttag      120
tgtcttctag tcacctctgc ttgggtgat tgacagaggt cagtcattac agccccttat      180
gcctcttcca tgggaacaaa tactgtgcag atgtttgtaa gttaaacata agacacaggg      240
gctgttgctt ttgaacagaa ccctatatta ctctcctggg atctgagttt ctgcaggtea      300
  
```

tttgatgta	ggaccaggag	tatctcctca	ggtgaccagt	tttggggacc	cgtatgtggc	360
aaattctaag	ctgccatatt	gaacatcatc	ccactgggag	tggttatgtt	gtatcccat	420
cttggtggc	ttcagttttt	gctgtagccc	tagagcactt	tgtttgtggg	aggtggcct	480
cttgctacc	tccttgcacg	gacaggggga	tgaatattta	ctttcccacc	tccttgcttt	540
ttctttcact	gataccactg	aatggaactg	gtgctgtgac	tcctgctgct	ggggatttat	600
gtcccagac	cttagcctgg	ctgagtggag	cctgagacct	gcacaacagc	tcattggcat	660
gcatgagaga	gaagtggctg	gccacagcca	gagggaacag	taacagccca	ggggccttta	720
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ccatcttttc	cgcagggtta	gagtgggctc	ctttcttttt	ggaatccttt	tcttctcctt	840
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gcagtggggt	gcaagggtt	tgtttctgcc	ctgcctgaaa	gagagggctc	tggggatgga	960
gatgagaaa	aacacgctct	ccttcagaca	atgaggcatt	ctgtcctcct	gctgcccatt	1020
cttcacctcc	actgagagcc	cagagtctgg	taggagccga	agttgccaca	ggcattctgc	1080
attgctctac	tcttaggttt	gtgtgtgtga	tccttcccct	ccctgttcgc	ccactcctcc	1140
ctcctctggc	tattcctaac	cctgttctgt	ggggctcttt	taataaccag	cctatggttg	1200
tggggaattg	ttcatgggca	tttagttcca	gagtggaggg	gctttgggtc	tgaaataaaa	1260
tgcaagtatt	taagattgtt	gttgcaattt	gtgtctaaca	agctgtagca	gagaaggagg	1320
gagtgaagcg	tggcagtatt	tcctttcata	aatcatgaat	ttatcagtgt	ggaaataatg	1380
cttcagaact	gtgctctgta	gccctcctgc	attgtgtgtg	cagctcaagt	tcaccactgg	1440
aggaaggatt	gtcttccaaa	gagctgggat	ccaactcttc	tcacagtctc	gggcgtgaac	1500
cttggttaggt	atactttacc	tgatgctgct	tccatcctcg	cagtctgtct	gaggtgccag	1560
gtgctgaaa	agaaataaag	tttgtcaaca	ggcagatgca	aagccctggc	tggtattcat	1620
ccctcttttc	tgcccgctc	ccctgggtct	ctcctttata	tgatgcagca	gagcaaggcg	1680
aggatagaaa	acctacagag	gcaaatccaa	aatgtcagaa	gaagttcatt	taaaagggga	1740
aaaaaactcc	atgtgcaacc	ctcacaaaaa	cccacagat	gctaagctaa	tggcacccgc	1800
tctgccgatt	ggtggggatg	gctcatgaat	attaatgagc	t		1841

<210> 8854

<211> 1301

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (606)...(939)

<223> similar to gi2072964 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8854

agaaacatct	ttcagggatt	aaggagaaga	tcaaaacagt	ttcagattaa	gaaaagctaa	60
ggacatctct	gaccagcagt	tctaccctaa	aagaagggtc	aaggggagtt	ctctagacgg	120
aaaggaaatg	attaaagaag	gaaccttggg	acatcggaaa	gaaagaaaac	agcaaaatag	180
gccttccttc	tcctcttgag	ttttctaaac	tatgcttgac	ggtttcagaa	aaaaatcata	240
gcaccattca	atgtggttct	aactctccat	aaagaaaatg	tttgaaatgg	ttataaaactg	300
ggagggtaaa	gagacctaca	agggaggtaa	ctcgtctatc	attcactcaa	attggtaaaa	360
caatgacacc	agtataccgt	gtgggttaaga	tatagatgca	cagatatacg	aatgtctgga	420
aaaaccaaga	gggtatata	aacagacata	ctcaaaagca	ctatggataa	ggcaaaacac	480
cattctcaaa	gatgttcaag	tcattgacagg	aaggtaagaa	aaagaaagca	tatccagaaa	540
acgaaaccag	ggagaacaaa	cagaaaagga	aaaataaaat	ggcagattta	agccctacca	600
tgtcaatatc	attaaatatc	aatggcctaa	gtataccagt	tgcaagacac	aggctggcag	660

agtaggttaa	tggacacgaa	ccaactacat	actggctaca	aagagactaa	cttcaaatat	720
gatgatacag	gcaagttgaa	atgaaaaggg	tgggaaaaga	tatatcatgc	aaaccttagc	780
caaaggaaag	caagactggc	tatattaatg	ccagatatag	tatatctcag	aacaaataaa	840
ctaatacagag	agagagaggg	acgttataaa	atgatgaaag	gaccaatcca	ccaacccctc	900
ccctgacgag	gccggttgag	atgtgtgaag	cagctctggc	taacagcggg	tagggagagg	960
gcgcgcggga	cccaggagcc	tccgtgcgga	gccaggcctc	aggagcagcc	gccttggtcc	1020
tggaaggggt	gcctccctcc	atcttgtctc	caaagactgt	agggagacct	tctcgcccgg	1080
taggaaagcg	acgtctccca	tgctttccca	ccacgcaggc	cttgtggcct	ttctcctgct	1140
agtgtctgcc	ctccaacctg	cgggggctgc	ggctgccacg	gttccacgct	gggtggacgc	1200
tgctgccccg	ggatccaaga	cccgccgttg	caggcgggag	ttggggagtc	gtgtgcagggt	1260
ccgaaggaga	ccaagctct	tggtcaaggc	ttttttgctc	c		1301

<210> 8855  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (15)...(137)  
 <223> similar to gi403460 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8855						
tttttttttt	ttgagacagg	atttaattcc	ctttgaccag	gctggagtgc	aatgcaatgt	60
tggtcactcg	cagcctctgc	ctcctggggc	tcaaagtgat	tctcctgcc	cagcctcctg	120
agtagctggg	actacaggcg	cacaccaccc	gtgccagct	aatttctggt	attttttttt	180
ctttttgtag	agacaggggt	tcgccatgtt	gccaggctg	ggtttcaaac	acctgggctc	240
aagcagtctg	cctgcctcag	cctcccaaag	tgctggtaat	actgcacctg	ggcctgtggt	300
accttattta	tctttgtatc	tctagtcctt	tgcaccattc	agcctcaata	aaggttgggt	360
g						361

<210> 8856  
 <211> 1311  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1312)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (619)...(1311)  
 <223> similar to gi5712203 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8856
acaaaaccaa gatgctgggt aggcagggct cttctcttat ctggaaagaa tcctcttggt      60
taggggtgtg gaagaatccc cgtcgcccc tcagttgtga ctgaggtctt ggtttccctg      120
ctggccgcca tctggggcct cagctccttc aagctgcccc gggtcccttc catgtgtgtc      180
ctctcccca ggtgtccggc caccctctca tccccctcgt atttcaaate tcacttccta      240
ttctgtcacc agccagagaa ggctctctgt gttgaacact cctgtgattc cagtggctgc      300
acccagatcc tccgggcctt tccccctccc ttaaggattc ctatgccatg taacagcaca      360
ggcatgggtg tgatctcacg tggtcacagc ttccgggggc taggatgaga catgcttggg      420
ggcggggggc acttaaaaaat gtgcctgcac tgtgggcgtg atgctctgca ctgtggaagg      480
aaaaggagtt aaatgagaaa tgatgggtgg cgctgagcct gagcagcgcc gctttgtgcc      540
gcagcatcaa cctgtgggaa atggcgaggt tctgtctgaa acaggacgtg gtcaacgcca      600
tcaacctgga tgggggtggc tctgccacct ttgtgctcaa cgggaccttg gccagttacc      660
cgtcagatca ctgccaggac aacatgtggc gctgtccccg ccaagtgtcc accgtggtgt      720
gtgtgcacga accccgctgc cagccgcttg actgccacgg ccacgggacc tgcgtggacg      780
ggcactgcca atgcaccggg cacttctggc ggggtcccgg ctgtgatgag ctggactgtg      840
gccccctctaa ctgcagccag cacggactgt gcacggagac cggctgccgc tgtgatgccg      900
gatggaccgg gtccaactgc agtgaagagt gtcccccttg ctggcatggg ccgggctgcc      960
agaggccttg taagtgtgag caccattgtc cctgtgacct caagactggc aactgcagcg     1020
tctccagagt aaagcagtgt ctccagccac ctgaagccac cctgagggcg ggagaactct     1080
cctttttcac caggaccgcc tggctagccc tcaccctggc gctggccttc ctctgtctga     1140
tcagcactgc agcaaactg tccttgctcc tgtccagagc agagaggaac cggcgctgc      1200
atggggacta tgcataccac ccgctgcagg agatnaatgg ggagcctntn gccgcagaga     1260
aggagcagcc agggggcgcc cacaaccctt tnaaggactt aagnctnaaa g              1311

```

<210> 8857

<211> 1324

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (496)...(0)

<223> similar to gi2565196 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8857
cgattccgga gagggagcct gagaaacggc taccacatcc aaggaaggca gcaagcgcg      60
aaattaccca ctcccagacc ggggaggttag tgacgaaaaa taacaatata ggactctttc      120
gaggccctgt aattggaatg agtccacttt aaatccttta acgaggatcc attggagggc      180
aagtctgggt ccagcagccg cggtaatcc agctccaata gcgtatatta aagttgctgc      240
agttaaaaag ctctagttg gatcttgga gggggcgggc ggtccgccc gaggcgagcc      300
accgcccgtc cccgcccctt gcctctcggc gccccctcga tgctcttagc tgagtgtccc      360
gcgggggccc aagcgtttac tttgaaaaaa ttgagtggtt caaagcaggc ccgagccgcc      420
tggataccgc agctaggaat aatggaatag gaccgcggtt ctattttgtt ggttttcgga      480
actgaggcca tgattaagag ggacggcccg gggcattcgt attgcgccgc tagaggtgaa      540

```



attcttggac	cggcgcaaga	cggaccagag	cgaaagcatt	tgccaagaat	gttttcatta	600
atcaagaacg	aaagtcggag	gttcgaagac	gatcagatac	cgtcgtagtt	ccgaccataa	660
acgatgccga	cggcgatgc	ggcggcgta	ttcccatgac	ccgccgggca	gcttccggga	720
aaccaaagtc	tttgggttcc	ggggggagta	tggttgcaaa	gctgaaactt	aaaggaattg	780
acggaagggc	accaccagga	gtggagcctg	cggcttaatt	tgaccaaca	cgggaaacct	840
cacccgcccc	ggacacggac	aggattgaca	gattgatagc	tctttctcga	ttccgtgggt	900
ggtggtgcat	ggccgttctt	agttggtgga	gcgatttgtc	tggttaattc	cgataacgaa	960
cgagactctg	gcatgctaac	tagttacgcg	acccccgagc	aggagaacag	cactgtaggc	1020
atgaagatcc	aggaggagct	gcaacgttcc	gggggcctgg	accacctcgt	actctacca	1080
ggagaatggc	ccgtgagtga	caacaccatc	atgcacatcg	caaccgccga	ggccctcacc	1140
acagactact	ggtgcctgga	tgatctgtac	cgggagatgg	tgagatgcta	tgtggaaatc	1200
gttgagaagc	ttccagaacg	ccggccagac	ccagctacca	ttgaaggctg	tgctcagcta	1260
aagcccaata	actaccttct	cgcctggcac	acaccgttca	atgaaaaagg	ctcaggggtt	1320
ggag						1324

```

<210> 8858
<211> 723
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (213)...(528)
<223> similar to gi545998 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8858						
tttcgtggct	tggtctctggc	ttgttccct	ccggtctgaa	ccacctcttc	tctgagccga	60
gccagctacc	ggggctcctg	gaattgccac	ccctccctgg	gcaccttga	ggcctccgtg	120
gagggacgtc	acggggcaga	gcgggacgtg	agcctgagtt	tgctgcaggc	gtgctctgtg	180
tggtggctgg	gttctgccaa	tccccgtgcc	caccgggtgg	gcgcggccgg	gaagctcctg	240
ccccctccctg	ctggtcggcg	tcacgcgtga	cgtcccgcgt	gatggctggg	agggcccggc	300
ggcgacagcg	gaggcagaga	ggaaggcgg	tctgagagct	tcagagagct	atggaaagca	360
aaatgggtga	attgccttta	gacatcaaca	tccaggaacc	tcgctgggac	caaagtactt	420
tcctgggcag	agcccggcac	tttttctactg	ttactgatcc	tcgaaatctg	ctgctgtccg	480
gggcacagct	ggaagcttct	cggaacatcg	tcgagaacta	caggtgacca	cccctcaatc	540
tgacctgtg	tgccaggatc	tcattttctg	tgattaatat	aatatgtttt	gtacctgcct	600
cctcaagctt	gacagtgacc	ctgtccctca	atcccctcac	tctctagccc	cgtctgttgg	660
catcacagag	ctttaaccca	aaggatttta	gggcatttgg	gttgagaaga	tggcattgat	720
att						723

```

<210> 8859
<211> 519
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (234)...(517)  
 <223> similar to gi2315665 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8859							
cccacgcgtc	cggagcactt	tatttttttt	caagttat	tttgcattgt	tttggagtag		60
cttcgaataa	taaacacata	tttctgcttt	aaatttttaa	tagttaacta	cattcatggg		120
acaaccaaag	caagaaagcc	tcattgtttt	ggggaaagtt	tgatatacgc	aatgtccaga		180
caagagccaa	agatgtttgt	cttgctctat	gttacaagtt	ttgccatttg	tgccagtggg		240
caaccccggg	gtaatcagtt	gaaaggagag	aactactccc	ccaggtatat	ctgcagcatt		300
cctggcttgc	ctggacctcc	agggccccct	ggagcaaatt	gttccccctg	gccccatggg		360
cgcacgcggc	ttccaggaag	agatggtaga	gacggcagga	aaggagagaa	aggtgaaaag		420
ggaactgcag	gtttgagagg	taagactgga	ccgctagggt	ttgccgggtg	gaaaggggac		480
caaggagaga	ctgggaagaa	aggacccata	ggaccagag				519

<210> 8860  
 <211> 641  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (353)...(644)  
 <223> similar to gil698455 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8860							
atttcttttt	cttgtctaat	tgctctctct	tgatagtact	tccagtacta	tgttgaatag		60
aagtgggtgg	agtgggtaat	aactgatttt	taaatgtaca	aacatctgaa	aaggacacct		120
caccaaagaa	gatatacata	tggaataatg	gcatatgaaa	agaagctcaa	ggtgatatga		180
gttgtcttcc	aaaaggtaat	gaaaaatgca	tattatgaaa	aaattatgga	gtccaaattt		240
tttataccaa	aataagctca	tactaacttg	ttataacatg	cctgaacagg	atgtagtttg		300
aggcactaaa	aaggtaagac	gtaagtttga	aaagagcacc	tgtcagagca	acataaattc		360
tactaaaatt	gaagcaaaac	caaacatcaa	atttagtgtg	aagcttgggt	ggaagaatgg		420
taaaatcatt	gatgctttat	gagaagttta	tggggatgat	tctccaaaag	aatcagcag		480
tttgcaaaca	gataactcat	tttaagaagg	gatgagatga	tgctgaagat	gaagcacata		540
gcagcaagcc	ttccacatcg	tttgaaaaaa	aaattgaaaa	aaattatgtc	catgccttaa		600
ttgaagaaga	acaagaatta	acagcacaaa	caatagtcaa	c			641

<210> 8861  
 <211> 2025

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1086)...(2025)  
<223> similar to gill196432 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8861
tttttttttt tttgaagaat tcaagttagt tttattcaaa ggtcttactg agaatcctag      60
accaggtcc  cagcccgga gcagccttag agagctcctg tttgactgcc cggctcagtg      120
tctcgccca ctgcttggtt acgggggccc gggctcagga cctgcacagt cacatccatc      180
cagactggct ccgaagttac attacagcag aatcaacatc aagggtttgg gcataagagc      240
acttctgggt acagattaca gaaggcataa tcgctaacct tgggccaaaca ttttctcatg      300
tgcacgaaaa acccaaggga ccagggtcct tcacctttta aaggaataca agttgactca      360
ggcaaaaaga cgcggggccc tgtgttcttt cctgttttgt tttcaaagcg tctctctgga      420
gagctgcagt gtcacagagt aaggggccac agaaatgagc acacacttag gtttgctgct      480
gacacgccct gcctctcctc atgtggttca tgtggccatc agccggggct gaagaccctt      540
ggcacacacc tgcaccccaa acggactaca ggtgccgctt tcatttcaac tctcacccat      600
ttagggttcg gagccccaca ccacttaac cccaagccca gtggcaaagc ttcttgagag      660
gcccggaacc gccagccatg agttctacac caccctact gtcctcctga aacctgtctc      720
ccccaaagac aggccttact gaggacttgg tggggtgctg gtcaggaact gcccggtctt      780
tggggagggg gtgctggctg tccgcctggg gagagcctgg gaaaggcatg caggcagatg      840
tggttgagag tccgactctc tgactcttgg gcttaggtga gtcctcagca ggtgccctgc      900
actcctgggt ccctttccca gccagatcac tgctcagcat ctgcagagtc aaggaggact      960
ctcccaaaac catgcacggc cagatggccc aagttaaaag aagatgccag tgactaaaag     1020
caggagtga ggcagggacg ttctcagaga cctcacacac atcaataaaa tcccgtgaac     1080
gacggtatgc caacagatga gataacatgg acgaaacgga aaaactccaa gaaacacaca     1140
agctagcaac tgactcaagg atggacaatc cgaacgatct ataacaata catagattga     1200
atcgaatcaa aatcctccca aagacccaag accagatagg cttactggca aattctacca     1260
aaggttctag caagaattaa caccaatctc tctcttccaa aaaaaacgga ggagagaaca     1320
tttcctaacc caatctatga ggctaattt atcctgatat caaaaccaa ggaagacatc     1380
ataagaaaac accagacca tatcccttat aaatacagat gtaaaaatcc gcaccaaatt     1440
acaagcaaat cacattcagc agcagagtaa atggattata caccatgacc gagttagatg     1500
tattccacaa atggaaactg gctcaacata tgaaaatcaa tcaatgtaac acctcatatt     1560
aacagaagaa cacaggatct tttcaataga ggccagaaaa gcatttgaca aaatccagta     1620
ccctttaagg ataaaaaac ttaacaaatt aggactagaa gggaccgtct tcagctggat     1680
gaagagcatc cttgaaaatc taacagctca catcacatct agtggtgaaa gactgcaaac     1740
gttcccttaa gatcaggaac aagacaagga cgtgtgctct caccaccacg ttcgatcagg     1800
aacgacacga ggacgtgtgc tctcaccacc gcgttcgac aggaacgaga cgaggacgtg     1860
tgctctcacc accgcgttcg atcaggaacg agacgaggac gtgtgctctc accaccgcgt     1920
tcgattcagg aacgagacga gggacggttc cgctctcacc accgcgttcg atcaggaatg     1980
agacgaggac gtgtgctctc accaccacgt tcaacaaagt gctga                        2025
```

<210> 8862  
<211> 1816  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1572)...(10)  
 <223> similar to gil59714 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

    <400> 8862
taccgagctt ggacgaagga gaggcggagg ctcaggccat ggtgctggag atgtttcgag      60
aggaggacta ctacaacgat gatgttcttg accagatggg cgccagtatc ctgggcgtgg      120
agggcccccg gcgccaccca gatgagcccc ctgaggatga agtcttcgag ctcttcccca      180
tgttcatggg ggggcttctc tctgcccaca accgagctgt gctagctcag cttggctgcc      240
ccatcaagaa cctggatgcc ctggagaatg cccaggccat caagaagaag ctgggcaagc      300
tgggcccggc ggtgctgccc ccatcagagc tccttgacca cctcttcttc cactatgagt      360
tccagaacca gcgcttctcc gctgaggtgc tcagctccct gcgtcagctc aacctggcag      420
gtgtgcgcat gacaccagtc aagtgcacag tgggtggcagc tgtgctgggc agcggaaggc      480
atgccctgga tgaggtgaac ttggcctcct gccagctaga tcctgctggg ctgcgcacac      540
tcctgcctgt ctctctgctg gcccggaagc tgggcttgca actcaacagc ctggggcctg      600
aggcctgcaa ggacctccga gacctgttgc tgcattgacca gtgccaaatt accacactgc      660
ggctgtccaa caaccgctg acggaggcag gtgttgccgt gctaattggg gggctggcag      720
gaaacacctc agtgacgcac ctgtccctgc tgcacacggg ccttggggac gaaggcctgg      780
agctgctggc tgcccagctg gaccgcaacc ggcagctgca ggagctgaac gtggcgtaca      840
acgggtgctg tgacacagcg gccctggccc tggccagagc tgcccgggag cacccttccc      900
tggaactgct acacctctac ttcaatgagc tgagctcaga gggccgccag gtcttgcgag      960
acttgggggg tgctgctgaa ggtggtgccc ggggtggtggt gtcactgaca gaggggacgg     1020
cggtgtcaga atactggtca gtgacctca gtgaagtcca gcggaacctc aatagctggg     1080
atcgggcccc ggttcagcga caccctgagc tcctactgcg ggatctggaa gatagccggg     1140
gtgccaccct taatccttg gcaaggccc agctgctgcg agtggagggc gaggtcaggg     1200
ccctcctgga gcagctggga agctctggaa gctgagacac tggcggcagg cacctagcta     1260
tgtgaccact ggcctaaac cttttccctc tgtggcctcc tggcttgca tgcctcctct     1320
agaaagattc cttcaggtct ggaggcagag gaatgggcat agctgagcca gttgccctcc     1380
tagggcatgt ttgaccagga ctgagctctg aatctccaag ttaaagatgg tgaatcaatg     1440
cttcgggctt ggagatggaa catgcctcct ctccattcag ctagaaggac caaagcatgt     1500
ggcatttgga tggccagagt gccctgaagc accactacca accttgctc cccctcctct     1560
caaagagcct ctgatttgtt caccaagggg ctacacatct atgtctgcca tgccaggggt     1620
gtcgccatcc agatgtgttg gaagcttccc ctccctgcct atgtctacct gtggacaccg     1680
aggatgccct cacattggtg ctttctcctc atcctcatgc cccctttgcc acaatggtat     1740
gatggcttgg tagccctcg aggcagatgc acctgacttg ctgctattaa aaagccgtgt     1800
gccttcaaaa aaaaaa
  
```

<210> 8863  
 <211> 2044  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2045)  
 <223> n = a,t,c or g

<220>

<221> misc\_feature  
 <222> (156)...(2044)  
 <223> similar to gi4140326 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8863  
 cccacgcgtc cgcactgtgg tcctgaactg aagagctgtg tttttcagga agacttgccc 60  
 aggccgtggt ccgtgtctct ggattcaagt cccaggagtc ctgaccagag agcaggcatc 120  
 agtgtttttc tgaccgaagt tctcatttcc tgacaatgga aatggaacaa gaaaaaatga 180  
 ccatgaataa ggaattgagt ccagacgcgg ctgcttactg ctgctcggcc tgccacggcg 240  
 atgagacctg gagttacaac caccatcc ggggcggggc caagtctcgc agcctgtctg 300  
 cctcgcccg cctggggagc accaaggagt tcaggaggac acgctctctt catgggccat 360  
 gcccggtgac cacttttgga ccaaaggcct gtgtgctgca gaacccccag accatcatgc 420  
 acattcagga ccccgcgagc cagcggtgga cgtggaacaa gtccccaaag agcgtccttg 480  
 tcatcaagaa gatgagagat gccagcctac tgcagccgtt caaggagctc tgcacgcacc 540  
 tcatggagga gaacatgac gtgtatgtgg aaaagaaagt gctagaagac cctgccatcg 600  
 ccagcgatga aagccttggg gcagtgaaga agaaattctg tacctttcga gaagattatg 660  
 atgacatttc caatcagata gacttcatca tctgcctggg gggagacggg acgctgctgt 720  
 acgcttcttc gcttttccag ggcagcgtcc ctccgggtcat ggccttccac ctgggctccc 780  
 tgggcttctt gacccattc agctttgaga actttcagtc ccaagttact cagggtgatag 840  
 aggggtgagtt ggaatgttct ggagcccaca ggagctctga tcatggcgct gctgtctcgc 900  
 ttgcttgccg ggggtttatt ttcatttaat gatgcatgga gcaacattta aaggtttcaa 960  
 gattcaggga tttctaaatc ttgagtgggt caaacctttt actgacactg agaagtttca 1020  
 gcagatcaca ggttgaagct gccatgtgtg ttgggcagaa gtgagctgat tctcactctc 1080  
 agaaggcaca gaagtgtcgg ccgggcgcgg tggctcacgc ctgtcatccc agcactgtgg 1140  
 gaggtcgagg cgggcggatc acgaggtcaa gagatgagac catcctggcc aacacgggtga 1200  
 aaccccgctc ctactaaaaa tacaaaaatt agctgggcgt ggtggtgcgc acccgtagtt 1260  
 ccagctactt gggaggctga ggcaggagaa tcacttgaac ctgggaggca gaggttgag 1320  
 tgagccaaga tcacaccact gcattccagc ctgggtgaca gaggtagact ccattctcaa 1380  
 ataaaaagaa aaaggcacag aagtgtgtca acttgggaga agaaagagcc ctctgactcc 1440  
 cactggcctc cctggggtgg ggccctgac cccacttgac ttccctgatg gcattgccct 1500  
 cttgacttcc tggctgggac cttcaggga cgcaagctgt tgtttcttcc gggagttcgg 1560  
 cttgaagggt cagggtggtt gaaggagct ccggggggga aggaaggagc ggccggttga 1620  
 caatgggctg ggtgagaacg gcgtcgagg ctgcaggcct ggaacaatgg atgtcgggaa 1680  
 gcaggccatg cagtaccagg tcctgaatga ggtggtgatt gacagaggcc cctcctccta 1740  
 cctgtccaat gtggatgtct acctggacgg acacctcatc accacggtgc agggcgacgg 1800  
 taaggccccg agcacttgct ctggggggcc tgagcgttcc tcgggcggga gtgacgcctg 1860  
 cgctgtccc tgcaggagt gatcgtgtcc accccgacgg cagcacggcg tatncggccg 1920  
 cggcgnggcc tccatgattc accccaacgt gccggcaatc atgatcacgc ccattctgcc 1980  
 ccaatcgctg tcntttcggg cccatcgtgg ttccccgagg ttcgaagctn aagatnattg 2040  
 ctgg 2044

<210> 8864  
 <211> 2139  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (315)...(1731)

<223> similar to gi3004653 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8864
gagaaggaaa cccaggctcg gagaaggggc ggttcctgct aaagattgca cagccaatgg      60
agggcagagc agaattggga cccaaggctg ggggccccca gttggaagct ccctccagca      120
agctggccct gacacctgga gccccagctg ccagcctggg aggggctggg acccaatctc      180
ccccaagatt aggccgggga tgtctccac cttactctg acatcccaga ccccgacccc      240
ccagccacgc aggaaggggg atctgagtgt ggaacacacg ggtgccctcg gaggtctgat      300
gtcacccctt tccccaggcc ttgttgctgg tggcggcctt ggcgggcctg ggcttgggcc      360
tgagcctcat tttcatcgct gtctacctca tccgcttctg ctgctgccgg cccccgagc      420
cccccggtc caagatcccc tcgcccgggg gaggtgcgt cacctggagc tgcattgtcg      480
cccttctcgc cggctgcact ggcattggca tcggtttcta tggcaacagt gagaccagt      540
atggggtgtc ccagctcagc tctgcgctgc tgcacgcaa ccacacactc agcaccattg      600
accactggtt gttggagacg gtggagaggc tgggcgaggc ggtgaggaca gagctgacca      660
ccctggagga ggtgctcgag ccgcgcacgg agctggtggc tgccgcccga ggggctcgac      720
ggcaggcgga ggctgcggcc cagcagctgc aggggctggc cttctggcag ggagtgcgcc      780
tgagccccct gcagggtggc gaaaatgtgt cctttgtgga ggagtacagg tggctggcct      840
acgtcctcct gctgctcctg gagctgctgg tctgcctctt caccctcctg ggcctggcga      900
agcagagcaa gtggctggtg atcgtgatga cagtcattgag tctcctgggt ctcgtcctga      960
gctggggctc catgggcctg gaggcagcca cggccgtggg cctcagtgac ttctgctcca     1020
atccagaccc ttatgttctg aacctgaccc agggaggagc agggctcagc tcagacatcc     1080
tgagctatta tctcctctgc aaccggggccg tctccaaccc cttccaacag aggctgactc     1140
tgtcccagcg agctctggcc aacatccact cccagctgct gggcctggag cgagaagctg     1200
tgcctcagtt cccttcagcg cagaagcctc tgctgtcctt ggaggagact ctgaatgtga     1260
cagaaggaaa tttccaccag ttggtggcac tgctacactg ccgcagcctg cacaaggact     1320
atggtgcagc cctgcggggc ctgtgcgaag acgcctgga aggcctgctc ttcctgctgc     1380
tcttctccct gctgtctgca ggagcgtgg ccactgccct ctgcagcctg ccccgagcct     1440
gggcctcctt cccaccagt gacgactacg atgacacaga cgatgacgac cctttcaacc     1500
ctcagcagga atccaagcgc tttgtgcagt ggcagtcgtc tatctgagcc cctcctcccg     1560
gctggactgg agcctggctc ccctcttctg tccttccctg gctgccggag gagacccac     1620
taaccagacc tgctgggct ctgaccacta acactcttgg ccatggacag cctgcacagg     1680
accgcctccc tgctcttggc cactgtgctc ccatttctgt ccttggcctt gggagtagct     1740
gagggggcag actagggagt agggctggca ggggaggggg cagacagcct cgcctcgcac     1800
ccttcacccc tggctgccgg tcccatcctt ggagggacta agctgggggt gggggacatg     1860
agtccccctg ctgccccctg cacatcccag tgggctctga cccctgatc tcaactcgtg     1920
gcactaactt ggaaaagggt tgatttaaaa taaaagggaa gactatttta caagcagctg     1980
ggtcctcctt atttctcctc tcccttgatt cggcctcctg gccagggctg ggacatcctc     2040
cctgctgtcc tctctcccc cgcctcccag ctgccaggaa tttctgcgcc tgtccaggct     2100
cagcaagggg tccaaagaca ttgttcttta aaaaaaaaaa                        2139

```

<210> 8865

<211> 481

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (421)...(483)

<223> similar to gi3043632 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8865
gcccgcggtt gcatgctgcc gggcgccatg gacgcgggat tttcccggtt cgacgatttc 60
gtggcttctc cagtcgcgtc tttctcactc actggggagc ccggcggtgg cggcaccttt 120
cgaggtagac ccgctgagct gctagcccg cggccagcga gtgagaggtc ggacagactg 180
tgagccgcac agactgaagg acagcggcac cggccagcgg ccagaaaagt ccgccatgag 240
ctggggcacg gagctgtggg atcagttcga cagcttagac aagcatacac aatggggaat 300
tgacttcttg gaaagatatg ccaaatttgt taaagagagg atagaaattg aacagaacta 360
tgcgaaacaa ttgagaaatc tggttaagaa gtactgcccc aaacgttcat ccaaagatga 420
agagccacgg tttacctcgt gtgtagcctt ttttaatatc cttaatgagt taaatgacta 480
t 481

```

<210> 8866

<211> 1047

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1036)...(930)

<223> similar to gi2370202 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8866
tttttttttt ttcatttgta ggattgactt taataacacg cctctactga acaaatggcg 60
attaactggg gaaaacggaa ttatggtaac cgaggtaacg gggtcgggga ctctttctcc 120
ttcgtgcat gctgggtggc ggggagagac cgctctgagg aggtttggtc tgtcggccac 180
cccgtaggcc ggggggcatt ttgggtcctg gcaatatggc gtctctcttg atgggctgat 240
gagatgagtt tcaactgtagc tccaaaccag agggcaaagc tcccatgacc caataagccc 300
acattgtccc tttcctccgt ggttcctgtt cgcccgtttc tcaggactcg ttctcaggca 360
ggagagagcc tcggggctga aggccaggac cagccaggcc gcgcggacct gaggttgagg 420
aaccgggtgc aggcgagcac gatgggcccg tcgtggctct ggttgagca gctcagacga 480
gtgcgggacc cgcagggctg agagtggctg gaggagaccc agggcccttt gaaccgatc 540
ccttgggccg agacctcagc ccagtcggcc cagtggcgga accggcacca agagcggcct 600
gcctgtcttc ggaactgctg aggcggtgga ggccgagagc aggggtcatc tgaggcctga 660
agtctcttac gcttttgga gctcccctcg cagcccctct ggaaacgtac agcctcagga 720
gcagccagtg gcttgagacc tgggggtggtg tgtgtctgcg gagcttcttg ggctgcccc 780
tttcctagcg gccccacct cccacttcc cgctcagagt tagagataag gatctcagac 840
ttttgcctga gtaaggtct cgcactctt tatccatttg gttttcgatt tcccgttttt 900
gtttcttatt tcaccaattc tgggacacgc tagtttttaa ggctggagggt tctcgagcgc 960
ttgctgcaa ggactcccc accccctccc ccactgatgg agtccgaaat gctgcaatcg 1020
cctcttctgg gcctggggga ggaagat 1047

```

<210> 8867  
 <211> 1196  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (272)...(1196)  
 <223> similar to gi5689485 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8867
ccggccggat tcctggggcg ctttccgca ctgggcgcgc gagagctgct agggcggttt 60
ctctgctcgc ggcctgttgg gcagggccgg ctaaggtgcg cgtgctcgct ggttctaacc 120
cttctgttgg gcgtttctgc ggagaggcgg gaggcgtga gagtctgtgc ggaggtccat 180
gcacagactg ctttgccctgt tgttgctctt cggaggcggc gatccccgaa ggcgagctga 240
aatacggtcg caggctacaa tttgcagccg acgattaagg aagacgacga gcgggagagg 300
tgccccaccc tcatggagcg cttgtgctcg gatggcttcg catttcccca ttactacatt 360
aaaccgtatc atctgaagag gatccacaga gctgtcttac gtggtaatct ggagaaactg 420
aagtaccttc tgctcacgta ttatgacgcc aataagagag acaggaagga aaggactgcc 480
ctacatttgg cctgtgccac tggccaaccg gaaatggtac atctcctggg gtccagaaga 540
tgtgagctta acctctgcga ccgtgaagac aggacacctc tgatcaaggc tgtacaactg 600
aggcaggagg cttgtgcaac tcttctgctg caaaatggcg cccgatccaa atattacgga 660
tgtcttttga aggactgctc tgcactacgc tgtgtataat gaagatacat ccatgataga 720
aaaacttctt tcacatggta caaatattga agaatgcagc aaggtatagg tcaaccaatg 780
ttattttcaa actatctgaa atgcatttat tttaacattg acacatgtaa gggtaattt 840
ttcatatttg gaagctcaaa cattccttga atgaaaatat tttgaaatgc cttactgtc 900
taagatttta ctttaaatat tggaaacttt aaagaagcat tatagggaac agcctttttt 960
catgcactta tggtaaataa ctataaaaac aaatgaatta caataaattt ataattcatg 1020
acaactgaat ttgggaaagg taatagttaa gtgtttttcc cctaaattac tttttttcta 1080
atcagtgtga agtgacacag gaaagtaaaa ttgtccctta taaataggct ttattttaaa 1140
tgtcaaagaa aattaaagaa tttcccaata aatgtacatg ttgttgctgt tgaaaa 1196

```

<210> 8868  
 <211> 987  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (84)...(990)  
 <223> similar to gi3445181 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8868
tttcgtggcg gagcggaggg gaggcgtgc caggcagggc cggttcgtgc ggaaccgcca 60

```



tggccgagcc	ggcttcggta	actgtgacat	ttgatgatgt	ggccttatat	ttttcggaac	120
aagagtggga	gacccctggag	aagtggcaga	agcaaatgta	taagcaagag	atgaagacca	180
attacgagac	ccttgattcc	ctgggggtatg	ctttttccaa	gccagatttg	atcacatgga	240
tggaacaagg	gagaatgcta	ttaatcagcg	aacagggatg	cttagataaa	acaagaagga	300
caactagccc	tcctactgat	gaacagttga	acatgaagaa	tactggaaaag	ttgctatggt	360
ttgatgacga	aggaaactccc	aggacaaaag	aagaggattg	ccgtttaaat	ggtcctcaaa	420
aacaggactt	gtgtgctgcc	ttacgaggga	aagagagaaa	gattttatta	gtcaaacag	480
ccaccttcca	gtctccaagt	ctccgagaaa	cagagattct	aaataaaaaa	gtcagcatca	540
cagcatatga	tccagacaag	aaagacctgc	ggcataagcc	tcgggagacc	ccagggcgct	600
tagaaattcc	cacagggcca	agatgctatt	cctgctatgt	ctgtaggaaa	gtcttccaag	660
taaggaggga	tttgctaaag	cacaaacgga	gccattccaa	gagccagctc	tgcagatacc	720
caaagtacaa	aaactcgtcc	agagggaagt	ccgaactcag	gcgagacgcag	aggctcctgt	780
gtcagaagaa	gcggttccag	tgcatgtgat	gtgagaagag	ctacttcctg	aagggcagcc	840
tcgtcactca	tcaggttgtc	cacaccggcc	agcggcccta	cccatgccct	gagtgcgaca	900
agaccttccg	gtacagggcc	aacctgaaga	agcacctgtg	tctacaccgc	ggggagcggc	960
cgttctgctg	cggggagtg	ggccggg				987

<210> 8869

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (115)...(551)

<223> similar to gi5478765 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8869						60
cggacgcctt	gcccccgctt	cctttcacgc	tgctgctgcc	cgtaggtggt	tgtggccact	120
gtgcccggag	ggaggcggcg	gtggccagta	atgcctggga	aactcctctg	gggggacatt	180
atggagctgg	aagcaccctt	ggaggagtcc	gagagccaga	agaaggagag	gcaaaagagt	240
gacagaagga	agtcaaggca	ccattatgac	tcggatgaga	aatcataaac	aagagaaaat	300
ggtgttacag	atgacctgga	tgctcccaag	gccaaaaaat	ctaaaatgaa	agagaagcta	360
aatggagaca	ctgaagaagg	attttaatag	actttcagat	gaattctcca	aatctcataa	420
agtcaagaag	aaaagatcta	ccaaatggag	atattagatg	aatattgaaa	aaaattcaaa	480
gccgagtatc	atcttttagat	acttctactc	ataaatcaag	tgataataaa	ctagaggaga	540
ccttaacacg	tgaacagaaa	gaaggagcct	tctccaattt	tcctattttc	gaagagacta	548
taaagctt						

<210> 8870

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (142)...(595)  
 <223> similar to gill136434 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8870  
 ggtccctttt tttctgcctt tttgtttccc tccggcgggt cggcgcgagg gtgaatttcc 60  
 gtttgcggcg gtgtccaagc ggacctaagg agtcgcagtt gtgaacagggt tagagttact 120  
 tgttattggg aaatagccac tatggagact aaggaccaga agaaacacag aaagaaaaac 180  
 ggtggacca aagctgcaaa gaaaaagaag tggcatctgc aggatctcca gctaggagac 240  
 taagaaaatg cccagaagag aaatgccaat gcttttgag ttcagtctgc tgtgtggatg 300  
 tctcgatcct ttcacaggac tctggatttg aagacacaaa agcatcatat tccagtgggt 360  
 gatggaactc cactagagcc gccaccaata ccggtagtgg tgacggggcc tccaaagttg 420  
 gaaagagcac tttgatataa tgcctcattc ggaacttcac ctggcagaag ttcaccgaga 480  
 tcagaggccc tgtgacgatc gtgtcaggta aaaagcgcag actcaccatt attgaatgtg 540  
 ggtgtgacat taacatgatg attgatctgg ctaaagtagc agatctggta agtgagcagg 600  
 ggcagcctgg ggtgctgatg gagacttaca gcattgtggt aggttattta ccccgatgatg 660  
 aagggaagag agttttgtga ttattaaaag gatcatggtc attatcaggg atatagtaga 720  
 tgtgattgaa ttgatgatga taataatatt agtaataaat gttgtcatat taataatata 780  
 aatggaatgt gcacaaaaaa atgtgttcca aaatctaaca gcatgtatt 829

<210> 8871  
 <211> 1932  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (306)...(1066)  
 <223> similar to gi4836950 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8871  
 gtaggacagc ccctgacgcc attccctttt gcccttcttt ctgcgggcct ttccggtact 60  
 tgagcgggtg ccagagcgtg gccagttctc gtctatctgg ctgccttttag ggagcgggtg 120  
 ctagcgttgg ccaatagtgt gctgtcgaaa gtgccggccc ccgcgcgggc gcctgcagca 180  
 gccgggtggg aaggctcaag atggcgtgct tgttgagagc cccaatccgc atgagcgtcc 240  
 tttcggacca ggaatgaaag ttactgggag ataacttoga aggattttgc aacaaattcg 300  
 agctgtccga ctctgagaat ggaagtaaca gctagcagtc gccactatgt tgacaggcta 360  
 tttgaccctg atccccagaa agttctacaa ggtgtcatag acatgaaaaa tgctgtaatt 420  
 ggaaacaaca agcagaaagc caatctcatt gttttaggag ctgttccaag attgtgttac 480  
 ttgcttcagc aagaaacctc aagcacagag ctgaaaactg aatgtgcagt ggtgttgga 540  
 agtcttgcta tgggtactga aaacaatgtc aagtcctctac tggactgcca tattatccct 600  
 gccttattgc aaggactact gtccccagac ctgaagttaa ttgaagcttg cctccgatgc 660  
 ctgcgtacca tcttcaccag tcctgtcact ccagaggagc tactgtatac agatgccaca 720  
 gtgataccac acctcatggc actgcttagc aggtcccgtc ataccaggga gtacatctgt 780  
 cagatcttct cacactgctg taaagggcca gatcatcaaa caattttatt taaccacggg 840

```

gcagttcaga atattgctca cctactaacc tcaactgtcct acaaagttcg aatgcaagca 900
ctgaaatggt tctcagtttt agctttttgaa aacccccagg tatcgatgac cctggtaaata 960
gttttggttg atggagaatt gttaccacag atttttgtga agatgttaca gagggataag 1020
cctattgaga tgcagctcac atcagcaaaa tgtttaactt acatgtgtag agctggagca 1080
attcggacag atgataactg tattgtatta aagacattac cttgtttggt tcgaatgtgc 1140
agtaaggaga gattactaga ggagagagtt gaaggagctg agacacttgc ctatctgatt 1200
gaaccagatg ttgagctaca gagaatcgct agcataactg atcacctcat tgccatgctt 1260
gctgattatt tcaagtatcc cagctcagtg agtgccatca ctgatattaa aaggcttgat 1320
catgatttaa aacatgctca cgaactccgc caggctgcat tcaagctcta tgcctctctt 1380
ggagcaaagt atgaagacat ccggaagaag gtgagtcctg gagaggggag tccccagtc 1440
ctgacagcca gcaggcaggg agtgacgtca acctgaaagt cgtggtgaag agcactaaca 1500
gtgactgttt gaataataa aagcagagtg actaaaggca taattgaaga atgaatggga 1560
cccggatttg gggggttggt tgtttgtttt tagaacatag agtggcatgg ccgtgctgga 1620
atgacaaata actggcgtgc tttttttttg tgtcattaat atgaattatt atgttgca 1680
tttttgcatg tgttctgata aaaatcaatt ctagcactgt gaagcttcag acaccttgaa 1740
agtccaaaca ttaaaattgt aaatgttatt tatggaaata ccttccaatg ctattgagaa 1800
attcaaatct ctattgtata ttgttctttg atatgtggct tagttttatg ttttgatttt 1860
ttttgctact gggcaagttt aatgtgaata aaatctttgt ggaatgatga ttttatgttt 1920
aaaaaaaaaa aa 1932

```

<210> 8872

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (738)...(1102)

<223> similar to gil255433 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8872
tttttttttt ttggcttttg attttgtttg tttttttgtt tcatttggtg gttcatctgc 60
cttttaaccc attcaccaaa atttaccttg ttaacaagca tcaccaatga acatttcaga 120
gcaatctgca tatttaacag acctaaaata aatcctatta ggcaagtcag ttgaaaatgc 180
tcgtgctgct aatggaatta gagtgcgttc attttacagg ctagtatttt aaaagtagaa 240
atcaaaatct ggcaccgaag catgctaatt gtttactgta ccttgtagag ttttcaactca 300
taaatttaaa ccagtgtatt tttttagaac tggtttggtg atatatatag tgattatgga 360
tactaattca atgtaattta taattttcta tgtcaatata aaaatacatc acagccttct 420
caaacagctc aagcaatata ttgtatattg ccataatcgtc tggtgaaagg gttaaattac 480
ttcacctctt gcaacttttag atgcaaatca gtttttcatt tctgtaatag aaaattattc 540
acgtattttt acatcatttg tttttcctga ccagtattta aaaccaaag gatattctga 600
aaaatggcca acaatttttt tagaagtagc atcccaagca gogtgcctaa acattacatt 660
gcatatggaa ataaaagaat caaacgtcta atgccttatt tctgatttcc tttttcattt 720
taagtgggtg ggagattcca gcaactccag gacagtggag tcagcagtaa gccctgggac 780
aggtggcaag ggtgggtccc ttgaccttg cagccttct caggaacccc ctttcccggg 840
tgagcccctc tctgaagaga ctgtccttgg gcctcctctg gaagcagcac cccagagga 900
cagggctcct cctgcttgcc tcagggctgc ctgacttgaa tggcggttga cctcggggat 960
tactggtaga taatatgctc tggctctgcc tgggtgtgag ttttgccagc catggccagg 1020
gtttggctcc actggtggca cagctggcct ccgtggtatg gacctggttg cttctccatc 1080

```

ccactgtggc ctctgtggta tggacctggg ggcttccg

1118

<210> 8873  
<211> 437  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (424)...(427)  
<223> similar to gil334398 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8873  
tttttttagtt agattatctt atttttatctt tattatttta tttttgctag taagatgtag 60  
gagtttctta cacatttttg aaatttacca attattaaat atatgatttg caaatgttgg 120  
tttctatttc ctaggttgcc ttttcattct gttgtttgct atgcagacag tttttagttt 180  
gatgtatttc tacttgtata tatatttttt tggctgcctg ttctttctgt ataattccaa 240  
gaaatcattg taaagaccaa tgccacaaag ctattccttc tgtttcttct aagagtttta 300  
cattttcagg gcttatgttt aagccttttt ttaaatttta atacaatttt agttgatttt 360  
tctgtatgct ttaaggcaca tgtccaattt ctttctttgc tttctttctt ttgttccttt 420  
ctttttctct ctatctc 437

<210> 8874  
<211> 979  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (209)...(962)  
<223> similar to gi3877201 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8874  
accgggtcga cgatttcgtc gtttgtgccc ggggtaacct cgttccggcc aagccgcttc 60  
agcgggggac gtagccatga aggaagagaa ggagcacagg cctaaggaga agcgagtaac 120  
cctgttaacc ccgcggggg ccacgggcag cggtggtggg acctcggggg acagctccaa 180  
gggggaagat aagcaggatc gcaacaagga gaagaaagaa gcgctgagca aggtggtaat 240  
tcgaagatta cctcccactt tgaccaagga gcagcttcag gaacatcttc aacctatgcc 300  
tgagcatgat tattttgagt ttttttctaa tgatacgagt ttgtatcttc atatgtatgc 360  
cagagcatat atcaacttta aaaaccaaga ggacattatt ttgttcaggg atcgctttga 420  
tggttatgta ttccttgaca ataaaggcca ggaatatccc gctatagtag aatttgcacc 480

ttttcaaaaa	gctgcaaaaa	agaagactaa	gaaaagagat	accaaagtcg	ggactatcga	540
tgatgatcca	gaatatagaa	agtttttggg	aagttatgcc	acagataatg	agaaaatgac	600
atctactcca	gagacactgc	tagaggaaat	agaagcaaaa	aatagagaat	taatagctaa	660
aaagacaacc	ccacttttga	gcttcctgaa	aaacaagcag	agaatgagag	aagaaaagag	720
agaagaaagg	aggaggagag	aaatagaaa	aaaaagacaa	agagaagaag	agaggaggaa	780
atggaaagaa	gaagagaaac	gaaaaaggaa	agatatagaa	aagctaaaga	agatagacag	840
aattccagaa	agggacaaat	taaaggatga	accaaagatt	aagctgctca	agaagccaga	900
aaaaggagat	gaaaaagaat	tggacaaaag	agaaaaagcc	aagaaattgg	acaaagagaa	960
tctcagtgat	gaaagagcc					979

```

<210> 8875
<211> 1100
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (163)...(761)
<223> similar to gi3287681 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8875						60
aaaaagcgcc	ggcaattggg	gtcgcagctg	gagatgctgc	ggccggcagg	gctctggcgc	120
ttatgtcgcc	gaccttgggc	ggcgagggtc	ccagcggaga	atcttggccg	tagggaagtc	180
acctctggtg	tctctccccg	cggtagcacc	tcgccagaa	ccctgaatat	tttcgaccgg	240
gatttgaaaa	ggaaacagaa	gaactgggca	gcccggcagc	ccgagccgac	caaatttgac	300
tacctgaagg	aggaggttgg	aagtcggatc	gcagaccgtg	tatatgacat	accagaaaat	360
ttcccccttg	ctttggatct	tggttgtgga	agaggttaca	ttgcacaata	tttgaataag	420
cttcagttat	tccattgcag	gaaactattg	gaaagttttt	ccaagctgac	attgcagaaa	480
atgctttgaa	aaattcctca	gaaacagaaa	tacctactgt	cagcgtttta	gctgatgaag	540
aattccttcc	cttcaaagaa	aatacatttg	acctggtggt	tagcagttta	agtttgcatt	600
gggtgaatga	ccttcctaga	gcacttgagc	agattcatta	tattttaaaa	ccagatggag	660
tgtttatcgg	tgcaatgttt	ggaggcgaca	cactttatga	acttcggtgt	tccttacagt	720
tagcggaaac	ggaaagggaa	ggaggatttt	ctccacacat	ttctcctttc	actgctgtca	780
atgacctggg	acatctgctt	gggagagctg	gctttaatac	tctgactgtg	ggaaaagctc	840
tgattgacaa	tgtttagttt	gtataacaca	tcttaattga	cacaagaagc	aaggggcatg	900
ggcaagcagg	gcccctgatg	ttggaaagga	gcctccaggg	aggggaagaat	taacaggctg	960
gaggactagg	ctgggaactg	aaaagaaccc	cggaggcttc	acacctgtga	ctagtgttga	1020
tcttttgttt	actttttaa	ggcctgagtc	catagaaact	gcatcctgag	aggttgctcg	1080
gctagaaagc	ggaaaaccgc	ttcacatgag	tgctctactt	tgtaatgaaa	ataaacacta	1100
ttaatacagg	caattgtaaa					

```

<210> 8876
<211> 2300
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc feature  
 <222> (1129)...(1591)  
 <223> similar to gi3063699 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8876  
 ttttttttgg tggctactta agattttttcc agacaacaac gtgcgtcatt tttgcctttg 60  
 agatgtgttt ctttctgcct ccattccagc cacagtccca tcttggcagt gagcaaattcc 120  
 cacacgcagt tctagcagga cgctgaggct cagctgcaac atggggcagc caggaaagatg 180  
 cctgaggagg tgccaggcac acaggaggca ctgggacaga ctcgggcccg ggttgcaggc 240  
 tgcagcaacg cccacccctc tacttccagg cacagcccct ccgtctcaca ggacagagac 300  
 agggccggct cagcggctgg tacacactgc tttatttggt ctttttatta ttatttttaa 360  
 gttcacctac agctgcagta cacacacacc gctttatttg gctagctgct attcagaaga 420  
 cacttctga attcaggaaa aattttttta aaaacctgag aacaattcct gtgacttctt 480  
 agctttgatg aagtgcattt actttgacat tgatatagct tgtaactact tttggaattt 540  
 ttttttccct aacactttga tctcattaag ggtattacac cttttccacc agaaaatgca 600  
 gaggtatcat ctttcttgga aaccaattga aagcgtccca ttttaacaaa atgacataaa 660  
 attacaaaca tttacatggt taaattcaaa gcctgatcca tctggtggta agaaatgtta 720  
 acttatttta aaagatgtat ttgcattatt aaaatatagt aacgacttcc atctttacat 780  
 caaaagaaaac gggcttgcag aagcaatggc tcccagctct ggggaggggt tgagccacgc 840  
 ccttgccggg ggcgtcccaa gctctgactt caaaagttgg agtttcccag ctgcgaacag 900  
 ctggtcaaaag gcaactctca aagttcaagg aaatgccgtt ttgcggatgg ccgcagcagg 960  
 cctgtggggc tggggacagc gccaaggagc tggccgttgg ttcttgagat gtcctgctc 1020  
 tgccgtgttc taaggacctg cgagctggag ctcttctcgg gaaaaagaaa acgctgggga 1080  
 ggccctccgt tgggcgggtc aagccagata accaggcttg tactggcttc agcagaagcc 1140  
 gcgtgttttc ctccctcccc ctctatctcc ttctttccct tctgtctcct ccttccccct 1200  
 ctgtcctgat gccctgcagg ctgctgggga ggagcctgcc gcctgcctcc tgccctccta 1260  
 gaccgtgtt ctccccacag ctctcccccg gagctgtccc ccagcaggcc acacctgggc 1320  
 ccaggctcca gacctgcccg cccacacagg agtcccctct agccggagct ccgccccctg 1380  
 ttcccagggc gtccctgggca ggtcagtttt cccatctgtc aaccaggaac attccaaggc 1440  
 tcttctgccc tcaactgctgt ggtttccccc ctccaccca ggcaggaaga gaatttaaaa 1500  
 gccccgcagg ccctggccag gatgcctgtg agagggagaa ctggaaagcc agtatcaggc 1560  
 agaccctctc ccggttggac ctgggcgctg gctccccgca gggaaggcac tgctgtgcct 1620  
 ggggcagggg accagcagtg gcagcagttc cagattgtca gagctgggga gggcctccaa 1680  
 gagctgccag agctgatttt ccagagaggg aaactgaggc ccagagaggc agtgacgagc 1740  
 tctacctccc actgcaaggc agatcagagc tggggttctc gctcctcaa gtgcagttgg 1800  
 ggcttcggag ctcgggcctg ggctgggagc tgggttagacg tacagaacct caggccctgc 1860  
 aagtcaacag cacccccagg ctgctcatta gggagttaaa gttgagaagc actaagctga 1920  
 cccggccccc cctggagaga tgggcccag actgagggaa cagcgcgggt gcaccttcca 1980  
 cagcagaacc ttccggaagt gttgtggcgc ggatgccagg aggggctcgc ttgtgtcacc 2040  
 tagtcctcgt gagccctccc cactgtggag agcgggcaac caagaggggc acgcatttca 2100  
 ggctccagaa gaactgggca ggctccccgc gttggggagg aggcgcccgc ggcccaggcc 2160  
 cagcacctg tgggtctaca cagctaactg cccccaccag caaccatgac cgccagtggc 2220  
 tggcccaggc cagcgcggtc tgaaagtgga tttgaaaggg cagaattgaa taacgggagt 2280  
 gactgcgttt tggaggtgcc 2300

<210> 8877  
 <211> 916

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (361)...(919)  
<223> similar to gi5051782 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8877
cgaaaggggg ctggaaacag ggaaactgga gcttggtact aagctgcttg aggtttctca    60
gaaggggtat ggcccaggag ggggtggggcc agaaaccctt aaaccagAAC tgaaatgtct    120
cactaagcag ctaggaaact ttatgtaagt taaacctctt tcccatccac ccactcacct    180
tcagtcccca aaaagtaaag gcacaaaaca tagcgtttgc ccacaggcca ccagttctct    240
gggggttgagg ggctgaccc attgcaaagt cctaagtcag tagctgaggg taggagacgg    300
ctgggagtgc agtcagggtt ctcccttccc aggtttgatg ggtccttctt ctggggtcag    360
gtaatgaaag tcttgcgcca caagtacctc atcaacttct atcgggccaat tgagagcaca    420
tctcgagtat acatcattct ggaactggct caggggtggg atgtccttga atggatccag    480
cgctacgggg cctgctctga gccccttget ggcaagtggg tctcccagct gaccctgggc    540
attgcctacc tgcacagcaa gagcatcgtg caccggtgag ggcgctgcca ccagactgg    600
ggcctttgcc ctcaaggggg ttttatgcac atctccatt tctgtcctt ttttcctctt    660
tcgaactccc tctcaatat ctgacctatt catgcaactt attttaatca tatggtcaag    720
gatactgata aagtactcac tgtatgcaaa gcattttatg aaatacaatg gtgagctccc    780
ggtggtcctc agataccatc ctctgtctct ctccctactt tgggctctgc tcacaactcc    840
atggctttcc ttcctctcta ccttggtgcca tcataatggg ttctacctcc cacttcctct    900
gtcctcatct ttaccc                                916
```

<210> 8878  
<211> 1201  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (65)...(1049)  
<223> similar to gi5689535 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8878
cccgtgtggt ggaattcggg gcggcgggcg cccctcgcag cagctggccg gcgggcccc    60
ccagcagttc gcgtctcca actccggcgc catccgggcc gagatccagc gcttcgagtc    120
cgtgcacccc aatatctacg ccatctacga cctgatcgag cgcacagagg atttggcgct    180
gcagaaccag atccgggagc acgtcatctc catcgaggac tcgtttgtga acagccagga    240
gtggacgctg agccgctccg taccggagct taaagtgggc atagtgggga acctgtctag    300
cgggaagtcg gccctgggtg accgctatct gacggggacc tatgtccagg aggagtcccc    360
tgaagggggg cggtttaaga aggagattgt ggtggatggc cagagttacc tgctgctgat    420
ccgagatgaa ggaggcccc ctgagctcca gtttgctgcc tgggtggatg cagtgggtgt    480
```

tgtgttcagc	ctggaggatg	aaatcagttt	ccagacggtg	tacaactact	tcctgcgtct	540
ctgcagcttc	cgcaacgcc	gagaggtgcc	catggtgctt	gtgggcacgc	aggatgccat	600
cagcgctgcg	aatccccggg	ttatcgacga	cagcagagcc	cgcaagctct	ccacagatct	660
gaagcgggtgc	acctactatg	agacgtgcgc	gacctacggg	ctcaatgtgg	agcgtgtctt	720
cccaggacgt	gggtataatt	gactctgctg	tcctctgcag	tggcccagaa	ggtagtggcc	780
ttgcgaaaga	agcagcaact	ggccatcggg	ccctgcaagt	cactgcccaa	ctcgcccgag	840
cactcgcccg	tgtccgccgc	ctccatcccc	gccgtgcaca	tcaaccaggc	cacgaatggc	900
ggcggcagcg	ccttcagcga	ctactcgtcc	tcagtcacct	ccacccccag	catcagccag	960
cgggagctgc	gcatcgagac	catcgctgcc	tcctccaccc	ccacacccat	ccgaaagcag	1020
tccaagcggc	gctccaacat	cttcacgata	tgtgccactg	tttccaactt	ttcatcaaca	1080
aaaaggcctt	tccaactcct	tccaaattag	aagaccagtt	ggtgacacac	agcacctctg	1140
gacatgcccc	ctgtgcgggg	ccggaggcgg	gccgggccct	gggactgctc	tcagatgaga	1200
						1201

a

```

<210> 8879
<211> 852
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (154)...(726)
<223> similar to gi3046746 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8879						
ccggctgaag	cgcccgggcg	ccgattgggtg	tctttgagtc	tagtcttttg	tcggggctgt	60
ccaaaggacg	ctagctgttg	cacctgttcc	tcctgcgcgc	taagatagag	gataaatctc	120
ctggcaaagc	ccagaatgac	cacagccctg	gaacctgagg	acaaaaagg	acttctgata	180
attaagcgag	aggaccatta	ctggggacag	gattccagct	cacaaaagtg	cagtcctcac	240
aggagggaac	tctatagaca	acacttcagg	aagctctgct	atcaggatgc	acctggaccc	300
cgtgaagctc	ttaccagct	gtgggagctc	tgccgtcagt	ggctgaggcc	agaatgccac	360
accaaggagc	agattttaga	cctgctgggtg	ctagaacagt	tcctgagcat	tcttctaaa	420
gacctgcaag	catgggggtgc	gtggcacacc	atccaaagac	tggagaggag	gcagtgcagg	480
tactggagga	tctggagaga	gagcttgatg	aacctggaaa	gcaggtgtga	aggggcagtc	540
atctggctgt	cccaggcaat	tcagaaaagac	gggacatact	catggacaag	ttggccccct	600
tgggaaggcc	atatgaatca	ctgactgtcc	agctccatcc	caaaaagacc	cagctggagc	660
aggaagctgg	gaaaccacaa	aggaatggta	agcaggaaca	gttctgagtg	tatgagggca	720
gaggtacttc	cttaggttag	aggaaaactt	tctcactttc	atcttctcct	tttaaagatt	780
tcctgcttgt	cctccacctc	actatggaca	atcttctcct	cctcttacct	ttgctccatg	840
atggagttag	at					852

```

<210> 8880
<211> 1564
<212> DNA
<213> Homo sapiens

```



<220>  
 <221> misc\_feature  
 <222> (1)...(1565)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (215)...(1153)  
 <223> similar to gi1931579 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8880
tttcgtgccc tcgcccgcac ttcaagaccg tactaggtag atggtcaatt agagttccca    60
gggtttgaag cctgtaactg ctgccgccgc tcaagccctc cagagcattg ctacggctgc    120
tgcccttgta ctactacctc caaatacggt cttgctggtg gtggcggcag caggaccaat    180
tacctctttt ttgctctccc tcgagaagct ccagatggcg tcttccgtgg gcaacgtggc    240
cgacagcaca gaaccaacga aacgtatgct ttccttccaa gggtttagct agttggcaca    300
tcgagaatat caggcaggag attttgaggc agctgagaga cactgcatgc agctctggag    360
acaagagcca gacaatactg gtgtgctttt attactttca tctatacact tccagtgtcg    420
aaggctggac agatctgctc acttttagcac tctggcaatt aaacagaacc cccttctggc    480
agaagcttat tcgaatttgg ggaatgtgta caaggaaaga gggcagttgc aggaggcaat    540
tgagcattat cgacatgcat tgcgtctcaa acctgatttc atcgatggtt atattaacct    600
ggcagccgcc ttggtagcag cgggtgacat ggaaggggca gtacaagctt acgtctctgc    660
tcttcagtac aatcctgatt tgtactgtgt tcgcagtgac ctgggggaacc tgctcaaagc    720
cctgggtcgc ttggaagaag ccaaggtagg tgtttgatag aacacattta aacatcagta    780
ttatgaaaaa ttgtactttt tgccaagtct tcaactcttc attgagctat cttcacaaaa    840
cagtcctatg aaactgagga aaactgacgg catgaatcgc ctacagactag agcagggcca    900
ggcctttggca tatctgttct aaatctgggg gtaaagcaag aacctgaaca ttttggagcc    960
tttctgctga gctagaccat ctttataaca ctgggctccg tcatgatctt atgtgggaat   1020
aaataacatt ccttcaaate tgaggcttgc ctgctggtga caagcagagc gcctgtgatt   1080
tggtcaaga ctctatatg atgcaggtgc cattgaaaat gctgctcttc taagtccttt   1140
gtggcttgta agtggagaag aatttcatcc aaatgttacc ctgtaatact ggcattttaa   1200
attcttattt aaccttcttc ccttcatctt cctcaccctt tttacagtgg aagaaaggct   1260
gttaaaatga ttacaaatta ataattggaa catcctgtcc cttgtcccca ctcccttccc   1320
aagttccttt ttctcttttt ccaatcctag ttgtctacct tcttttcttc ctcatcttct   1380
tcttttattc ctccccaccc caaccctta aaaaaaaggc cagaaggaca aagctggttt   1440
gtttgggaaa tggactgatc gaaagaaaac ttgccaaagt ggaaagggtg ctttttagcat   1500
tctgtgtttc caaataatga atttgaacga attccccgcg gtnnnnnnagt gctatcaatc   1564
caat

```

<210> 8881  
 <211> 651  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (308)...(532)  
 <223> similar to gi415891 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8881
tttttttttt tcgtatttct atttgtttta ttgctttct gtggtgtcaa atttggggtc 60
tcctagagcc ccagccccag gcagaaatcc ggcataatcct tctccgcctg gggggcccg 120
gacacaggag tttcagaaaa ggcactggca aaagttctag ggcaggggtc agggagaagc 180
caccactgag cctgggaggg accgggccct ccttcggcgg cagaaaacac agtcaccttt 240
gggcagggaa ggggttttttc ctaagaaatg aaatttaaga caagataaaa acctgacgat 300
gtagaggag cccgccagaa cctaagccgg tgctcccctg ggcagggca ggagagtga 360
ctcggttttc caaaggcttc agggggaggt ttgcccggg cccttcagcc agggtttcag 420
attgccacag gccttgcaa gcagaaagcc taattcaaat ccctatgtgg aatctccttg 480
agacaaagtg tcacgacaca aaacccccag gccccagacc ccacctctga atggcttggg 540
ccagacgtg gtctggatcg tcaggaccac ggccactacc cagtgaccaa ttctgtccc 600
ttttgtgtt ctgtgagcac tggagaggca ggcacttctg tgggtaactg g 651
```

<210> 8882

<211> 561

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (473)...(563)

<223> similar to gil869901 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 8882
acagagcggc ggaattcaaa aagtagtgcg atgagcgccc tgttgagaga aagaactgca 60
aactggccat gcttattttt aagctggagc tccacaagtc ctactgtggg agccggacag 120
agctctggca aggctgtggc cagctcatca tgcaccgcat gctcgcccag cacagagctg 180
tctgtcggag tgaacaggcc cagctcggga aagaaaccag tcctgatcca ggaaaatgtc 240
tctccattac ggttgctgct gccctgagtg cacatctgtg gccataaagg aaatgatgtg 300
ggtgattcgg ccaagagttg cctgtgtggt caaggatgcc ggcagcgag gaaagtcaag 360
accaggggaa agaatttcag ctctgaaag ggaaatctac tgtcattatt gcaaccaa 420
gattccagaa aataagtatt tccaccatat gggtaaagt tgtccagact cagagtttaa 480
gaaacacttt cctgttgaa atccagaaat tcttcttca tctcttccaa gtcaagctgc 540
tgaaaatcaa acttccacga g 561
```

<210> 8883

<211> 955

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (375)...(661)  
 <223> similar to gi5712087 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8883
tttttttttta agacagggtc ttgctttggg acccagggtg aagtgcagtg gcaagatcac      60
actcacggta accttgaact cttgtgctca gcctccgaag gtgctgggat tacaagtgtg      120
agccaccaca cccagccctt ttcttaggga tatggcagcc atccccctgtc cccaagctc      180
ctacaggact ctctggagtc ctgtgattcc ccccatgccc acccttgccc ttgtcacccc      240
gctgtcccaa gagtggacag acttaccaga gggcgatgag tgaaaggagt tgaggttggg      300
cttgagatca ggcaagttgg gttatcttga cctcttggtt tggtgacatg taagggacgc      360
tgctgcttgg ggtcatgggt ggcgtggggt tccctggcag tggggaactg gggatagccc      420
gggattggaa cgggtaagct gtaagggttg aacacaaaca gtcaaggcag attgccaggg      480
tggatgggag tggagtctgt tcacggcgca tccactggga accatgataa cagagggtgga      540
catggaaggc gccccagggg tgcttgcctg gtcgccctct ctccatatgc ccacctgtg      600
agcctcccgg cccatcctcc cggccaggcc ccctaccca ctcaggccag gttggctgta      660
gctgacgctg ccccggttga agctggcgcc ctgccggtt aactgctctg tgggctgagg      720
gagagaaaac tgcattgcacc tggggctcca acctgacccc tgccggggcc cctggacctg      780
accctagaag cccaccatac acgggtcttct ttactactctc ttgcattttc caaataatct      840
acaagtaaca ctacttaaag caatcatagc cacagaggaa aatgatcaaa caggttggag      900
gggctgaaaa gacaaaagca cgctaagccc tctcctctc ctttctctg cctcc      955

```

<210> 8884  
 <211> 2597  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1091)...(0)  
 <223> similar to gi3037018 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8884
ttttttttttt ttttgaatgt caaaaagggt ttatttatatc atatatatat atgaaaatct      60
atgaaaccaa aagctctccc acaaagatg atttaatgaa gacattcatt gttcttgaag      120
agaaatacaa atgatctttg aacaacacag gtttgaaatg ctaagtttca cttatatgca      180
aacttttttc aaccaaacac aaataaaaaca tatggtatct gagggatgca aaacctcaa      240
ataccaagga ccgacttttc atatggcata ggggtcccatg atctggcagg ggcattggct      300
tgggattttg ggtatccacc aggggtcctg gaactagata ccaaggaggg actgcactcg      360
gtattgtcgg tctctccaaa tcagtcctat aaatgttggtg caacccatat caaaacttca      420
agagatgtgc tcaccagcag ttaaccaatt tttatagaac atgaggaagg ctttacccaa      480
atctgagaac ataccaaagt aatgcacat ttactaggaa tatggaagag ctgagtgaag      540
gaatttaaca cataatgaaa cagcatttca aatcagacat atgagtggac ttttcaataa      600
atgaattttg aacagatatt ggaagcagcg ctgtttcact cttcagaaaa atcaattcta      660

```

aagatctaca	tgtaaactac	tcacacagaa	acatgtcgta	gaggaaaata	catgacgtga	720
aatgagcaca	tgtaaacata	ggaaaacata	cactgtaaat	gtcttagaaa	ataatttgct	780
ttatatcctg	aaataagtca	tgaaaattaa	tcaatttgat	tgtatacaaa	tataaaacat	840
ttattttaa	agacaccatg	taaaattaaa	gccaaatggc	taagtaggag	aaaacattgg	900
caacagacat	aaaatacaga	aaatacaaga	gaactcctaa	caaataccatg	agataaaaag	960
acaaatcatt	caatagaaaa	atgagaggaa	aaagaaaatt	aacaaatgtt	tatatgttct	1020
aaaataaaca	tacaaaaata	tgtccatctt	cactagtggg	aaatttctga	tttaaaacca	1080
aaataatttt	ttcagagtaa	ttaaattaca	aaaatccaat	agcaagtgtc	attaattaca	1140
tggggaagca	gatgctcata	tcttgctcag	gggaactgta	acttgataca	gccattctgg	1200
aacccaaatg	gaagtatctc	ttcaaattaa	aaatggttat	actctggcct	gaaattcaaa	1260
tcctaagcat	ataccacaga	gagagcctta	tatgtacaaa	aagggtcat	gtaggatgat	1320
gttcctttca	gcattgtttg	taattataaa	ggaataaaaa	gaaggaaacc	ttccttaagt	1380
gtctattata	ggcaaagtac	tggtggacag	tgacaaagag	attaggtaaa	tgtgaatgta	1440
ccaaaataaa	aaactcccaa	gtagaaatag	caagttgtac	aataatatac	atacacgtat	1500
gtaaaaatcg	taactataca	tttcctgtgg	ctgtagataa	tatatacaca	ttcctacatt	1560
aaacactcat	aaaaacactc	taaaagaaga	tctaggagag	ttaaaactat	tacttctaca	1620
gaggatattg	ggactgaaga	tggttttcaa	aaagcacaca	agcaaaatgt	agtcataatat	1680
tacatgagta	attaaaaaac	tgaaagagtg	tgacagatt	gatataat	aaaggaaaata	1740
tagataaaat	tatatcttct	atttctttcc	ctcccttgat	ggaaacagta	catgaaagg	1800
tctagaagat	tacctgccaa	aatgatgtat	actatctaaa	tatatctctg	gtaacaatac	1860
acttaagtct	ttatgctcac	tttaaaaaga	gaagaaaatt	cagttcatga	tttctgtaag	1920
caatacaatt	tcagttcaca	gctcttatca	ttttgtttta	gttatttaca	atctttacta	1980
ggtatagaat	tatatattgg	gattttgcc	tattccaatt	tagaatatag	tatttaggaa	2040
agaggaaaat	agttttttta	attagaactt	aagtcatgat	taacatttct	gtcagtggct	2100
ttaataagtc	aatacacatt	tctaaaagaa	aaacgaaatt	gagtacaata	accacattgg	2160
cttatttctt	tagtagttta	ttaattctat	cttacatcat	taaataaaaa	catgaatatt	2220
aaaagatatt	actggtaaat	gccttttgag	gaactgcttct	tttgagatc	attctacaaa	2280
actctcttac	cctaacaacg	aacgagaatg	ctactgggtg	tcatattcaa	accactgtgt	2340
ttcatgaaag	acccaacttt	tgagggtata	aactaagaat	agttttttaga	gcgctatgct	2400
ttaaagaact	gcttattttt	aattcatgta	ttgcaaaagt	cttgaaccat	aaaaaaaaca	2460
aaacaatgat	gatgagaaaa	aaagaaaact	ccagggtctac	ctgggtttgc	aatggttgtg	2520
aaagaaaagt	atactcagca	ttttcttccc	aaattaaaag	gtccccccca	aaaaagtgtg	2580
gccaaaaaaa	acaaaac					2597

<210> 8885

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (26)...(383)

<223> similar to gi2197085 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8885

tgctcaccag	tctactaatt	cctatcttaa	gttggttagag	aagatagaaa	aagtacacag	60
cctgcccagc	tctttttatg	agggcagtga	aatttgaatt	ccaaaaccag	ataaagataa	120
ttacagaaaa	tgatcagttc	atgccactta	caggctactg	aatgcaaaaa	tcctgtgtaa	180
ggtatttgct	gactggatcc	aacagtgtat	taaaaataat	ttataatgat	tagttagggt	240

ttatcctgga	aggcaaggat	ggctcaaagt	cagagaaatc	tgtcagttta	atctccatat	300
atgggtgtag	acagaaagtc	agtcatttga	ttttttttat	aagggtccat	agctatatat	360
gattaaaact	ctgagaaaac	cagt				384

<210> 8886

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (354)...(773)

<223> similar to gi2065209 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8886

gtcagaatat	aaagcaggca	gaaaaaacgt	gaaaagatta	gactggctta	gcctcccagc	60
ctataccttt	ctcctatgct	ggatgcttcc	tgctctcaaa	catcagactc	caagttcttc	120
aggaactcgg	gactggcctt	ccctttcctt	gccagcttgc	cagatggccc	tattgtggga	180
ccttgtgatg	gtgtgagtta	aaactactta	ataaactctc	ctttatatat	aaatatatat	240
atctattcca	ttagttcttt	ccctctagag	aaacctaata	cagatttttg	taccaggagt	300
gattctacag	gaacagaata	ttaaggatgg	agttcttttg	ttggtttttg	ggtttctgga	360
gttggctgct	taatatgatt	agaacccaaa	atgctaagga	ctctacttct	aatagtatat	420
ggaacactga	tagtccttgg	tgtgaactgt	ttagagagtt	atgcaaaata	aatgcatttg	480
gacacacctg	aatcatcgct	cgtgagaggg	aaggagttca	gtgactatac	ataatacaat	540
tgaccatac	gtggaaaacc	aaggaacata	atgaagctag	ttggttgctc	ctaagttcag	600
tggacaaagt	catgaaagaa	aatgatgaac	tcagggattc	tagctcccag	gcttcagaag	660
cagatattga	acctaaaatc	tgctaagatt	gccctaagtg	agagtcttat	ctcctgtaga	720
gaaagagctg	aaattgtgga	aaaacagcca	caagctctta	tcataaaaagt	aactggcc	778

<210> 8887

<211> 1477

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1478)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1049)...(1324)

<223> similar to gi288145 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8887
tttttttttt ttgacggtct tcagggtttat ttcttaaate aattaggaaa taaaaccaca 60
gtgcccagga aagttcacat gagacgccac ggtgtctctt gccatggccc caccactcca 120
ggggccaggg ggtgctgctg gagggaggac agacggacag gcggcctggg tggccggccc 180
cagaaaggct ggcgtggatg ttcgagatga gccaccagcg aagccagtag ggatgtctgg 240
gccgtcctgg tgggattgtc tgggacatcg ccaccaacac ggtgtcagag ccatcagtgg 300
ggacatcgga ggggccacca ccagggtggg tatattcaac aggctagaac ccctgaggct 360
tgagaggcca acccccgga ggagacctcc cctgacctct ctgctgcctc tcctgtggga 420
ccctccagta gacacaccag atgaggacac ccaggaggcc tcctcccagg acaggaggca 480
gtggtctggg cagccacgca gtgcagggtt cagggccctc cagcaggagc tccatggaga 540
tggtctaaatg gggacatcaa ggcaggggct gacagtgggtg acatccaagt ggtcacagtc 600
aattccggaa gctttcaggg catcaggagg ggaagggtggg gctggggaaa tgtgacagga 660
acggggaagt gcaaaaggca attggcctag cctgggagat tttccagttg gcctggggga 720
cccccgctc ctccattcag caggaggggc ggagggcctg cttggaagtc acatggagct 780
gcagcatctg gaacccaaca gccacaggag gcctggatcg gggctccgta aggcacagcc 840
gagaggaggg tggggaggcc ccagtcagag tccaggggccc aggggagatg attcctgcag 900
tccccaaaag cagctggacc ctacacaaga tgcagctccc aggacacgcg tgttccactc 960
tcggcaggag aggagaggaa aaaggaaaagg ccgggccaga ggctcacgcc tataatccca 1020
gcactctggg aggccgaggg cagcggatca cctgagggtca ggagttcaag accaacctga 1080
ccaacatggt gaaaccccgct ctctactaaa aatataaaaa ttagctggac gtggtggcgg 1140
gtgctgttaa tcccagctac tcaggagggt gaggtgggag gatcccttga accccaggag 1200
gcagagggtg cagtgcgagc agattcccc cctgcacttt aggccgggca gcaaagttag 1260
actttatttt taaaaaaaaa gaaagaaaga aagaaaagaa aaagagggaa gagttaaggc 1320
cagacaggga cagggatgga aggagccaga ggctgaaaag caggagaggg aggcagacac 1380
aggggcacca aggcagcaga gaggcacggg ttcctctgag gttccagttt ctcgnngtcc 1440
nccgcnaggg cntnagggtca tcaatnnggn cacgcct 1477

```

```

<210> 8888
<211> 2034
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1251)...(1809)
<223> similar to gil209103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8888
ggcacgagtt ttgtttgatt attttacata gacaaaagaa ctcatattac tttacttgc 60
acatttcaac atctttcctc agcttattag ctctatttct tttctgtctg taaatggata 120
ttgctgattt gttctttgag acagggtctt gctctgtcac caggctggac tgtactggca 180
taatcatgcc tctactgcagc cttgacctcc caggctcaaa cttccgcatt ccgaatagct 240
gggactacaa gtgtgcacca ccacccccag ctaacttttt tcttcttttg gatagagaca 300
gggtctcact gtgtgttcca gaccggtctc tagctcctgg ccttaagcaa tcctcctgca 360
ttagcttctc aaattgctgg aatttcaggc atgagccacc gtgcctggcc tgggctagtc 420
ctatattctc tagagttctc tttactttgt gctagtcaat ctctcattat gctgttcacc 480

```

tgttataatg	aataattctc	tgtattaaat	tttaccactt	taaacttttg	agtgggttat	540
gcttcctgat	tggactctga	ctaatatgtt	aggaaggggc	ccaggagata	aacccacaca	600
gatgggattt	gggcagtgtc	gagctctttg	ccagtgggaa	atgggatgct	ggtgatttcc	660
agtaggtgac	ctcacagtga	ctcaagctac	cacttactgt	tgattgtgac	gaaatgccag	720
ctgaggcaca	tgccctggga	gctaagtggg	tgctgcactt	gaccactgtg	aagactgggtg	780
tgggaagaag	ggtcgtttct	gatgcacttg	agcagggggc	cccaacccct	gagccatgga	840
gccgcaagga	gccacacagc	aggaggtgag	tgggtgtcgag	tgagggagtg	aggggaagctt	900
cgtctgtatt	tacagccact	cccctttgct	cacattcccc	cctgagctcc	accttctcag	960
atcagcagca	gcattagatt	ctcataggag	aatgcaccct	gttgtgaacc	gtgcatgtga	1020
gggatctagg	ttgcgtgtgc	cttatgaaag	cctaatacct	attgatctgt	cactttctcc	1080
catcacgctc	aggtggggacc	attcagttgc	aggaaaacaa	gcttaacacg	cccactgatt	1140
ctacattatg	gtgagttcta	taattatttt	attatatatt	acagtgtaat	aatggaaata	1200
aagtgcctaa	taaatgcaaa	tgtgcttaca	tcttttgggc	cagctcctac	ctcccggcag	1260
cctctccagg	cccagaactt	tctccagtca	gcctctacag	accaagctca	tgactcacia	1320
tggcctattt	aggcccatac	cctacgtcac	ggcagcctcc	gcagatgagc	ctactgcctc	1380
acaacagcct	ccacaggcac	agctccatcg	ttacaatggc	ctcttttagac	ccagctcctg	1440
cctcccagcc	ttctctccag	gccctgaact	ttctcaagtc	gacctcacca	ggcccagctc	1500
atgcttcttt	gcagcctctc	caggcccagc	tcctgcatct	tgggtggccc	tccaggccca	1560
gcctctgcct	cccgctggcc	tctacagtcc	caacatctgc	ctcacagcag	attcttcacg	1620
cccagcatct	gcctcactgt	ggacccccca	agccaagctc	ccaacctttc	agcagcttct	1680
acacacccag	ctcctgccac	ccagtggcct	ctttaggcca	agctcatgct	tcacaagggc	1740
ctttccaggc	ccaacttttg	tctcatggca	accttccctg	gccagattcc	tgccctgtctc	1800
ccagcagcct	agacaggccc	aggtcttgcc	tcacactggc	ctctctacat	gcagcttatg	1860
cctcacggtg	gcctctccag	gcccactccc	tgtcccagga	cgctcatctcc	gggccccaaa	1920
cttactcaag	tcagactctc	tagtcccaac	tgtgcctccc	tgggtggccta	tgaaggccca	1980
aaatctcctc	aagttgacct	gttccaggtc	ccagctcctg	cctcctgtca	gcgt	2034

<210> 8889

<211> 492

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (180)...(462)

<223> similar to gi4775349 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8889

gcggccgcca	ggaggagcct	cccgactcgc	gcttctcccc	cggtctctcc	tgaggttccc	60
ggaccctgca	gctcctccgc	gggtttggac	ttgaaggaca	gtggtttgga	gagtcctgct	120
gccgcccagg	cgcctctgag	agggcagtac	aaggtgaccg	cctccccgga	gacagccgtg	180
gccggagtgg	gtcatgagtt	gggtaccgcc	ggagacgcgg	gagccccccc	ggatctcgcc	240
ggcacctgcc	aagcagaact	gaccgcccgc	ggctccgaag	agcccagcag	cgccggcggc	300
ctcagcagca	gttgacgcga	cccagaccct	cctgggggaat	ctccgagcct	ggactctctg	360
gagtcgttct	ctaacctgca	ttctttttccc	agtagctgcg	agttcaatag	tgaggaggga	420
gcggagaaca	gggtccctga	ggaggaggag	ggcgcgggcg	tggtgcccgg	ggctgttcct	480
ctgtgcaagg	ag					492

<210> 8890  
 <211> 1564  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (516)...(1554)  
 <223> similar to gi3641352 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8890
gatcttttgg ttaactggct gcacatatac cttaataacc aggattcggg aacaaaggca      60
ttctgcgatg ttgctctcca tggaccattt tactcagcct gccaaagctgt gttctacacc     120
tttgttttta gacacaagca gcttttgagc ggaaacctga aagaagggtt gcagtatctt     180
cagagtctga attttgagtg gatagtgatg agccagctaa atcccctgaa gatttgcttg     240
ccctcagtggt ttaacttttt tgctgcaatc acaaataagt accagctcgt cttctgctac     300
accatcattg agaggaacaa tcgccagatg ctgccagtca ttaggagtag cactggagga     360
gactcagtgct agacctgcac aaaccactg gacaccttct tcccctttga tccctgtgtg     420
ctgaagagggt caaagaaatt cattgatcct atttatcagg tatgggaaga catgagtgtg     480
gaagagctac aggagttcaa gaaacccatg aaaaagttgt tctggagaat catgtagcga     540
cagatgaaga cgaacctgct ttgaaacgcc agcgactaga aatcaattgc caggatccat     600
ctataaagtc attcctgtat tccatcaacc agacaatctg cttgcggttg gatagcattg     660
aagccaaatt gcaagccctg gaggctactt gttaaactctt agaagaaaag ctggatctgg     720
tcacgaacaa gcagcacagc cccatccagg ttcccatggt tgccgggtcc cctctcagga     780
caaccacgat gtgcaacaaa gtgcgatggg atctgaaggg agccgagctc cttctgcaga     840
agggcgctga gaaggagct ggaaggaaaa gaaggaaaca ttccttcctc aactggagga     900
agacaacgcg gccacacaca gaaccagcgg ccccaggacc gtcaccctgc gtgcccgggc     960
ctgtccctcc tgaccccgag attatagtgg cgaggcaggg tgtagccaa gcggttgag    1020
ccaggacaca acaccgcgga gccctgcagg cgagtcctcc ggaggctgag agcaaacggt    1080
tgactagga acccagcagt cagaccggcc cccaccctgg agtgaacaca tcgccactgc    1140
caggcatcgc agggaggatt accccaatgg cacctggctg ggcgacgaga acaaccccca    1200
gatgcgggtg cactgcgcca tcatccctc cgacatgctg cacatcagca ccaactgccg    1260
cacggccgag gagatgggtg tcacgctgct ggactacctc ttccaccgcy aggtgcaggc    1320
tgtgtccagc ctctcggggc agggcaagca cgggaagaag cagctggacc cgctcaccat    1380
ctatggcatc cgggtgtcac ttttctataa atttggcatc acagaatctg actgggtaccg    1440
aatcaagcag agcatcgact ccaagtgccg cacggcgtgg cggcgcaagc agtggggcca    1500
gagcctgggt gtcaagagct tctcgcgag aatgcccaac tcatcctcct actgccctg    1560
tatt

```

<210> 8891  
 <211> 929  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (18)...(893)

<223> similar to gi2065210 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8891
cagaacccct tgaatgaagg ggaggccggg tccccttgag gaaggatccc actacattac    60
caacaattta tgcagtgaat ctttctccca tccttcccca agacctctgg ctttttacca    120
gggtaactgt gcactgggga aagggaatg atcagacatt tcagggaacta caggatactg    180
gctctgagct gatgctgatt ccaggggacc caaaacgtca ctgtagtcct ccagttaaata    240
aggggcttat ggaagtcagg taattaatgg agtttttagct caggctctgac ttacagtggg    300
tccagtgggt ccccgactc atcctgtggt cttttccca gtgccagaat gcagaattgg    360
cagagacata cttagcagct ggcagaaccc ccacactggc tccctgactg gtaggggtgag    420
ggcttttatg gttggaaagg ccaaatggaa gccatgagag ctgcctctac ctagaaaacc    480
agtaaatcaa aaacaatatc gtattcccgg agggattgca gagattagtg tccatcaaaa    540
acttgagacg cggggtggtg attcccacca catcccggtt caactctccc atttggcctg    600
tgcagaagac agatggatct tggatgaacg cagcggatta tcgtaagttt aaccaagtgg    660
tgactccaat ttgcagctgc tgtaccagat gtggtttcat tgcttgagca aattaccata    720
tctcttggtg cctggtatgt agccactgac ttgacaaatg cttttttctc cattcctgtt    780
ccaaggccca ccagaagcaa tttgtcttca gctggcaagg ccagcaatat accttactg    840
tcataacctc ggggtgtatc aactctccgg ctttgtgtca taatcttatt catgtcatat    900
tcttattcgg agagaccttg gtcgcattt                                929
```

<210> 8892

<211> 1164

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (320)...(992)

<223> similar to gi2664429 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8892
cccacgcgtc cgagctgctg tgtctcttcg tcgtctggga agaaaacttt cacattaaga    60
gttgctgatg cggattttct ttctttcctc tcccggcggt gatgagtgtc tggctcctga    120
cagaagggat ttggctccca gctttgtagt tcggaagaag ttgggtctat agatttcccc    180
ctaactctcc attgatgtgt tgagcttcag agggaataat aactctacgt aaagcatgct    240
ggcgtctcaa ggagttctcc tgcaccttta tggcgtgcct atgattgtac cggcagctcc    300
ttaccttcct ggactgattc agggtaataca ggaagcagcc gctgccccctg acacaatggc    360
tcagccttac gcttcggccc agtttgctcc cccgcagaac ggtatccccg cgggaatacac    420
ggcccctcat ccccaccccg cgccagagta cacaggccag accacggttc ccgagcacac    480
attaaacctg taccctcccg cccagacgca ctccgagcag agcccggcgg acacgagcgc    540
tcagaccgtc tctggcaccg gcaacaaaca agattgacgc agcaccgacg gatggccaag    600
ccccaagaca caaacttctt gaaaacacgg aaaacaagtc tccagcccaa gcgggctgca    660
tgtctccaat atcccccttca gggttccggg atccggacct cagacaaatg ttttgggtcaa    720
tttggtaaaa tcttagatgt tgaaattatt tttaatgagc gaggctcaaa gggatttggt    780
```

ttcgtaaactt	tcgaaaatag	tgccgatgcg	gacagggcgga	gggagaaatt	tacacggcac	840
cgtgggttaga	gggccgtaaa	attggaggta	aattaatgcc	acagcacgtg	taatgacaaa	900
taaaaagacc	gtcaaccctt	atacaaatgg	ctggaaattg	aatccagttg	tgggtgcagt	960
ctacagtcce	gaattctatg	caggcacggt	cctgttgtgc	caggccaacc	aggagggatc	1020
ttccatgtac	agtgccecca	gcacagactt	cagaggagct	aagctgcaca	cttccaggcc	1080
tctgctgtca	ggcagctgag	aatctgactg	cctctcctcc	cctattacaa	ttcatgttta	1140
aagtcatagt	cgcccaggtg	tatt				1164

<210> 8893

<211> 1597

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (155)...(1588)

<223> similar to gi2317963 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8893						
cctgctggga	acccctgaa	acaaagccag	cttccttttc	caaaacacag	tgcaaagggg	60
ccctgggcag	ctgcctcact	gctgtgtcct	cgtcacatgg	tgctagcatt	ggcttactga	120
acataggacg	gccctctgag	acctgatgga	ttatggaggt	tacagagggg	tggctcggcc	180
tcagacactc	agcacagtcc	ctgccccagg	ctgctgcctc	cacaccacag	cgctctgcaa	240
ggtggccctc	atctccctgg	gtcttccctt	gggctgaaac	tgctgttgga	aaccccaggg	300
aaacctactg	gttcagctct	tcagtcattc	agctgtgact	catccattct	ttcactgagg	360
acacagcaca	gcccagcctt	gggccaggtg	ctggagcttc	gggtaaaatg	ccttggaagc	420
tccaggtctg	atggagcaga	cacctcctg	tagatctgat	ggaggagata	cccttctgtt	480
taactcatat	catagactcg	aagctccagg	agcacggagc	cttgcagcgc	ctcctgcatg	540
aggaaaggaa	ggaatgagtg	aacggaaggg	aagcgcgagc	ttcagttgcc	aggagaccag	600
ctggccccta	gacatctcca	cccgaactgg	agcaccaggg	caggacaagg	tcaggagggc	660
agggttgac	tgggagctag	cggcccctga	gccagttaag	gcctttgtgg	atgagtggag	720
caggtggctc	ctggggcacc	tgctctcacg	cctggcccca	acttgccctg	tgccagcca	780
ggaggtgggt	accttctagg	gctccagctc	agagcctctg	ggagtagtgc	tgggttctgg	840
gagaggaagt	gcaagagggc	aggcaggagg	gagaagggct	ccctgcctct	ccaacaacct	900
gcagggtctc	aggaactgca	agccactcat	cggggtgcag	ctgccccacc	acaggggccag	960
gctctgccgc	caccgttcta	ccttgggaaa	ttggactccc	aggaagctgg	aggggctgcc	1020
cgagggtccc	aggagacagg	aggcagaagc	tgagcttgag	ttcctcctgt	ctccccactc	1080
ccccagctgt	ctatgggccc	tggggtccca	gcactgaagg	gtggagaggg	gagggaggct	1140
gacggtgtgg	gaggggtggg	tcactgtttc	acctcagtag	aagccctccc	ctcttccctt	1200
gtgcagccta	cgggagctgc	cctgggtgtt	ccccttgtaa	ttccactgaa	gtcatggggg	1260
aggggctgct	gaaggctgga	cctgccctct	tcacccagct	ccccagggca	ggccccacat	1320
aggtcctcaa	agaggtgacc	tgtgggggct	gcagggggca	ctattctgca	cacaggggtg	1380
ttcctgccac	tcaggccctt	gctttgatga	ggaggcccag	ggacccaaag	tgtgggggtg	1440
agggcgcccc	acagcacggc	acccgtgagg	ggactggagt	tcttgagtta	cctgtgcctg	1500
gctgctctct	ccagcccccg	gggcatgggc	gccggtgtac	tggcggcggc	ggggaagcag	1560
gcagctcttt	cccaggagga	cgcccagtg	attccat			1597

<210> 8894  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (75)...(412)  
 <223> similar to gi2653303 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8894

gggtcaccag	acgtggaccg	tgtgccagcg	ctttgtgcac	tgtaaagg	tggttcatt	60
ttacttggcc	cctggtattt	tcgtgggtcg	ctctgagccc	atcccagact	cttttggatc	120
gcattttctcc	agcccaggat	cccaaaacca	gaccagcagg	acaactaccc	cggcactgcc	180
accgcccgtt	tccacagtcc	acccacagcc	gttgcgccct	cctccattcc	ccagagccca	240
tcacgcaccc	tctttaccaa	caaaccaccg	gacgttttcc	ccccagccgt	gacttccaca	300
acccccaaact	aaatacaagt	cggcacaccc	ccttccttcc	ccgcgcctaaa	ccagcgtggc	360
cgcccactcg	tcgcacccag	gtccagcagg	tccagcaggt	ccccaggagg	gcccacgaaa	420

<210> 8895  
 <211> 983  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (282)...(984)  
 <223> similar to gi4584086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8895

agcatgtgca	tgggacacaa	cgctgtctct	tcgagaatcc	ctatggcaca	gacctgggaa	60
agacagtaag	actctgtttg	tagacagcct	ttgtgggtac	cgggctactt	tcccaggcgt	120
ttccatcagt	ccctcctgcg	gagaggggtg	gagagcaacc	ctggtatata	ccatctcgaa	180
gagctggcgg	ggcgaagatg	cgaagtggct	gggccttgcc	ttatcctccc	gccccacaac	240
tccgtccttc	tctggaaaag	acgcccacag	tgctgcaagt	tccgcctgca	gtaattccgc	300
gacttccaca	agagcgtgag	ggctgaagag	gcaagcggca	cccctcccgg	cctcaccagg	360
cgcaacgtca	gagcggagg	tctgaacctc	cggccctgcc	tctccagccc	tctgccctcc	420
tggctggctg	gagtcatttc	cccatccgcc	cgggtgggca	accagatgca	gccaaagtag	480
cgaagagca	tgccgggatg	ccaacccgtg	cagccctcag	caaatcactc	aacttctcta	540
agcctcaatc	ccgcccggga	actgggacta	acagaacaga	cgcggacaca	ctgaatgtcg	600
gcccttcctc	ccagccccgg	tcaagggctc	agccaacgcc	gcggcgccag	cgccacgagc	660
gcaggaaact	acaggtccca	aaatgcagcg	cggccaatcc	gccgacccgc	ggccccgagg	720
gcggcttggg	gcctgccggg	agctgtagtt	tcgaaaaacc	gcaacgcgcc	tacgagccgc	780

tccgggtaaaa	gaaccacttg	taggggtcact	gcgactcact	gtcactttgt	ctccgcggcg	840
aaccttccag	aaccggggtc	cctcaggaac	tcaaccgact	ccagtcgagg	gccgccaccc	900
gtccccagct	gtcagccagc	tcagagtttt	cgcgggcaga	ggcgcgcagt	cggcgctgag	960
cccactgcac	ttccgcccc	cac				983

```

<210> 8896
<211> 1399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (276)...(1390)
<223> similar to gi5640017 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8896						
tttcgtggcg	cgtgtgcggg	gagttgaatc	tcccgcctcc	ttgaggctgg	ggttgcgtct	60
gttgacgcgg	ccgactacaa	tcccgaggga	gactcacatt	gggacttgtc	ctcctcctcc	120
tggaacatttt	gggggctcgt	cagcatggac	agcgagtcag	ccatgggtgg	aagggaaggct	180
ttctcacagc	tcccttgtgc	ttcccacagc	cctgccagcc	gggaacacgg	aggggaagga	240
ggaggagctt	aaaagaggct	actgaacccc	agttggccat	ggctgaggaa	tttgtgaccc	300
tcaaggatgt	cggcatggac	ttcaccttgg	gagactggga	gcagctcggg	ctggaacagg	360
gggacacgtt	ctgggacaca	gcgttggaca	attgccagga	cctcttcctg	ctggaccccc	420
caagacccaa	cctgacctcc	caccagatg	gcagtgaaga	tctggagcct	ctggcaggag	480
gaagcccaga	agcaacaagc	cctgatgtga	ctgagaccaa	gaactctcct	ctgatggagg	540
atttcttcga	agaaggattc	tcccaggaga	ttatagagat	gttatccaag	gatggcttct	600
ggaactccaa	tttcggagaa	gcctgtatag	aggacacctg	gttagatagt	ttgctaggcg	660
atccagaaaag	tcttctgagg	tctgatattg	ccaccaacgg	ggaaagtccc	acggaatgca	720
agagtcatga	attaaagaga	ggactcagtc	ctgtgtccac	cgtttccacg	ggagaagatt	780
ccatggtgca	taatgtttct	gaaaagaccc	tcacaccagc	taagtctaag	gaatataggg	840
gtgagttttt	ctcctactcc	gaccacagcc	agcaggattc	tgttcaggaa	ggggagaaac	900
catatcaatg	tagtgaatgt	gggaaaagct	tcagtgggag	ttaccgtctt	acccagcact	960
ggatcactca	tactagggag	aaacccactg	tccatcaaga	gtgtgagcaa	ggttttgacc	1020
ggaaggcttc	ccattctggg	tatccgaaaa	ctcacacggg	ctacaaattc	tatgtgtgta	1080
atgaatatgg	gacacctttt	agtcagagta	catacctgtg	gcacagaaa	actcacgctg	1140
gagaaaaacc	atgtaagagt	caagatagtg	accacccacc	cagtcatgac	acacagtctg	1200
gtgagcatca	gaaaactcac	acagatagta	agtcctacaa	ctgtaacgaa	tgcggcaagg	1260
cttttacccg	gatcttccac	cttactcggc	accagaagat	ccacactcgg	aaacgctatg	1320
agtgttccaa	gtgccaggcg	accttcaact	tgagaaaaaca	cctcatccaa	catcagaaaa	1380
ctcacgctgc	aaatgtatt					1399

```

<210> 8897
<211> 652
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (36)...(651)  
 <223> similar to gi1322378 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8897
taaatctgcg cgaagaaaca ctgcgccaat catgtttctt tatcgatgtg ccataagaaa      60
cactcgccca atcacgtttc ctcatcgagc ttccgtagga aatattcgtc taatcacggt      120
tccccatgga gctgccgtaa gaaacactca cccaatcacg tttccccatc gaggtgctgt      180
aagaaacact cgcccaatca cgtttcccca tggagctgtc gtaagaaaca ctcacccaat      240
cacgtttccc catcgagctg ccgtaagaaa cactcgccca atcatgtttc cccatcaagg      300
tgccgtaaga aacactcgcc caatcacggt tccccattga ggtgccataa gaaacactcg      360
cccaatcacg tttccccatc gagctgccat aagaacact cacccaatca cgtttcccca      420
tcgagctgcc gtaagaaaca ctgcgccaat catgtttccc catcgagggt ccgtgagaaa      480
cactcgccca atcatgtttc cccatcgagc tgccgtaaga aacactcgcc caatcacggt      540
ttccccatcg agctgccgta ggaaacattc gtccaataac gtttccccgc caccttctac      600
cttcctccag ctgccgtaag aaacactcac ccaatcacgt ttccccatcg ag              652
  
```

<210> 8898  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (330)...(712)  
 <223> similar to gi473935 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8898
gagaccaggg gagctgtcaa ggctgcggcg gggaccagag aggagcctgg cgggggtggc      60
tgggtggctg ggggaatccc cccaacttcc catcgcaggc gcagctctct cggccgccta      120
tttctccga aaccgcgct gcggagcagc ccagtgcata gagttcaaca cttccccttg      180
ttgtggaaag taaaggagcc tcaactaccac ctttttttct ttgcgttttc ttactgctgg      240
tctgtgggag cttttccttc ggagcagcag ccctgtccgg catctgtctt gagctcccag      300
caaggaaagt ccatcagctt gataatggag gagaacaatg actccacgga gaacccccaa      360
caaggccaag ggcgcgagaa tgccatcaag tgtgggtggc tgaggaagca aggaggcttt      420
gtcaagactt ggcatactcg ctggtttgtg ctcaaggggg atcagctcta ttatttcaaa      480
gatgaagatg aaaccaagcc cttgggtact atttttctgc ctggaaataa agtttctgag      540
catccctgca atgaagagaa cccagggaag ttcttttttg aagtagttcc aggaggcgat      600
cgagatcgga tgacagcaaa tcatgaaagc tacctcctca tggcaagcac ccagaatgat      660
atggaagact ggggtgaagtc aatccgccga gtcatatggg gacctttcgg aggaggcatt      720
ttc                                          723
  
```

```

<210> 8899
<211> 885
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (705)...(9)
<223> similar to gill184100 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8899
gcaagcctgg cctatcccct gtagggggtg ggtgaggggc gaggctgagg aagaagagaa      60
ggggaattgg ggcgcttgag gggattataa tttctttaa aagaggggag gggagaggcc      120
atggccgtcc cagccaagaa aaggaagatg aacttctcag agcgggaggt ggagatcatc      180
gtggaggagc tggagctgaa gaagcacctg ctggtgaacc acttcaacgc cggggtaccc      240
ctggccgcca agagtgcggc ctggcacggc atcctgagaa ggttcaacgc cgtggccacc      300
tgccgcagag agctgcctga ggtcaagaag aagtgtctg acctcaagac cgaggtccgt      360
cgcaaggttg cccagggtccg ggccgccgtg gaggggtggtg aggcgcggg gcccactgag      420
gaggacggag ctgggggggc tgggacaggc ggtggcagtg gcggcgggtg cccagctgta      480
gccccagtcg tgctgacccc catgcaacaa cgtatctgca acctgctggg cgaggccacc      540
atcatcagcc tgcccagcac cacagagatc caccctgtgg ccctcggaacc ctcggccacc      600
gcagccgcag ccacggtcac cctgacacag atccccacag agaccaccta tcacacgctg      660
gaggagggcg tgggtggagta ctgcacggct gaggcgcccc cacctctgcc accagagacc      720
cctgtggaca tgatggccca gcatgcagac acgtcggtca agccgcaagc gctcaagagc      780
cgcattgctc tcaactccgc caagctgata caggagcagc gggtcaccaa cctgcatgtg      840
aaggagatcg cacagcacct ggaacagcag aacgacctac tgcag                          885

```

```

<210> 8900
<211> 983
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (168)...(983)
<223> similar to gi206712 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8900
taagcttaag gatctttact ttcagtttag ccagagtgga attagaacag ggatatcatt      60
aacagccagc caggacagaa gcgaaggcgt ctcagaagca acttgggtgga ccagcctcag      120
gaaccccggt tcatgcctgc acttcccacc ttcctgcctg gggagaggcc caatcccctg      180
agggaccctg gagagcccac gaccagggcc gccagcccct gccagcaca ctgcaggccc      240

```

agctgcccct	tcccagggcg	atgtgtctag	gctccggaga	cagcccagtc	caggggtgggt	300
ctatgtctgc	atgcagccga	ggattttccgt	caccctggcc	atggggctgt	tccacacctg	360
ctcctgggat	ccagcagtgc	agcccgcaag	aacagaccca	accggggcca	agcctcaggt	420
tccagaagcc	accctgcct	cctgcccctc	cttcagggcc	ctagatggct	gtggcctgga	480
tcagggctgg	gcagaggggtg	aggcaggagc	cacccacact	tctgctgggg	acacagacaa	540
ggagctctcc	ggactggaaa	gagtccccat	gtccagtggg	tcagggctgg	aaggggagac	600
aggggacccc	atcagcttag	ggggcctcgg	attctgtcca	aacccttcc	ctcgaggacc	660
tggctgccag	ctggaaactc	agctgggtccc	caaggccaga	gcccccttga	gcttccagag	720
cctcgatccc	cctggacttg	acacccccga	tgggcacctg	ccagcctcac	tcccgggacc	780
caggatgatg	ccccaccag	gacctccat	gtggacccag	gcacgtggcc	tccaggaggc	840
tggtgcccag	ccacccagag	acacaagcca	gctgctgatg	gtggacaggg	tgggtcatga	900
actcagggag	ccaggggctc	gcctctcccc	gggaaggtgg	gcgcagcagc	agggagcact	960
tggcagcact	cgacccggga	att				983

<210> 8901

<211> 1396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1397)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (276)...(732)

<223> similar to gi558052 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8901

ttgaaaccag	caccttcct	ttctctgagt	cctgctcct	tctgcagaag	ggagctcaaa	60
agaactttgt	tgttttgct	tttactctgg	ggtgaaagcg	gcaggaggta	tgtgagatgg	120
tgaatgatt	tgtttctgcc	atgctggggg	cacgggtgga	tcgccctaaa	ctctcgggtgg	180
ccccctcagt	agttttggaa	gaggaccaag	tccttgtctc	tccagcagtg	gacctggaag	240
caggatgccg	gctcagggac	ttcaactgaga	aaataatgaa	tgtcaaagga	aaagtaattc	300
tgtcaatgct	ggttgtctca	actgtgatca	ttgtgttttg	ggaatttatc	aacagcacag	360
aaggctcttt	cttgtggata	tatcaactca	aaaaccacga	agttgatgac	agcagtgtct	420
agaagggctg	gtggtttctg	agctggttta	acaatgggat	ccacaattat	caacaagggg	480
aagaagacat	agacaaagaa	aaaggaagag	aggagaccaa	aggaaggaaa	atgacacaac	540
agagcttcgg	ctatgggact	ggtttaatcc	aaacttgaag	gaatccgaat	aactaaactg	600
gactctgggt	ttctgactca	gtccttctag	aagacctgga	ctgagagatc	atgcgggttaa	660
ggagtgtgta	acaggcggac	cacctgttgg	gactgcgaga	ttctcaaggg	gaaggactgg	720
gtctcatttc	tccatctca	gcgcttagca	ggatgacctg	gtatagagca	gggaactggg	780
aaatgtgggt	caggggatca	gacactccag	ttgggtcttt	tatataaatt	aaatggcaaa	840
aggctccata	cccttctcct	tctttcctac	cctccacttt	atctgcaaaa	tgggaatgat	900
gataaacacc	acttcataga	atgggtcatga	agatcaaattg	agagaataaa	agtcaagcac	960
ttagcctctg	gtgcacaata	agtattaaat	aagtatacct	attcctcctt	ttcctttttt	1020
taaaataata	ttaccaaattg	tccagcttat	acacattttac	aagacttagc	tagtgggcta	1080
tgttagagct	actaaaagat	ctttgacaag	ctaaaactaa	gatgcaatga	atgaggtgta	1140

acgaacaaga	gagttttaag	ttcagaaatg	gttacagaag	tataagacag	ctgtgtgggt	1200
gttttttggg	ttttggtttc	tggtttacaa	tctcgtcatt	caacaaagat	gggagtttta	1260
tagaactaaa	agcaccatgt	aagctactaa	aaacaacaac	aaaaaaggct	catcatttct	1320
cagtctgaat	tgacaaaaat	gccaatgcaa	ataaaaaatga	ttacttttta	ttttaaaaaa	1380
aaaaaagnaa	aaaaaa					1396

<210> 8902  
 <211> 447  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (69)...(446)  
 <223> similar to gi807677 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8902						
ataaaatcca	gcattccttc	atgaagaaaa	ccctcaagaa	actgggcata	aatggaacat	60
actccaaaat	aatgaaagcc	acctatggca	aatacacaa	caacagcaaa	ctgtgtgtgc	120
aaaagctgga	agcattacca	ttgacaactg	gaaaaagaca	aggatgccta	ctgtcaccac	180
tctgtttcaa	cataatactg	gaggtcttag	agcaatctgg	aaagagaaag	aaacaaaagt	240
catctgaata	gggaaagaag	atgtcaaatt	atttctctta	acatatgata	tgcttctata	300
cgtaaaaaac	cctaaggact	ctgccagaag	gctcctggaa	ccaataaacg	acgctagtta	360
agtttcaaga	aacaatatca	aagtacaaaa	atcagtagca	tttctgtaca	ccagtaatct	420
tcattgctgag	aaccaaataca	agaatag				447

<210> 8903  
 <211> 588  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (178)...(589)  
 <223> similar to gil70035 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8903						
ggagccccag	gggccgaaga	ggcacacgtc	gggccttttg	gtgcacctca	gcctgggggc	60
cagaacgtgg	ggcagagtgc	agccaggggt	ctgactcctg	gggtggaagg	gagactccca	120
gggcatcatg	tctctaccca	agtcaggagg	gatgagccgc	tttttctctt	tttagaccca	180
gtcccaagac	ccaagccaag	ggtgaccctt	cacactggcc	caggcctttg	caggcacctt	240



ggctgaggct	ccccaaagtat	gaatggtaaa	tccttgccctc	cagcctcggc	acagaggagc	300
ccagcacaga	cgccccccagc	acagagtccc	ccagcacaca	gcccccaaca	cagagctccc	360
ctgcacacag	ccccccctgca	cagacacccc	cagcacagag	tccccccagta	cagagccccc	420
agcgagagata	ccccccatag	cacagagccc	ccagatcaga	gaccacacagc	acagagtagc	480
ccccagcac	aggggccccc	ggcacaggga	tcccccaagca	cagggacccc	cccagcacag	540
ggatccccc	agcacagggc	ccctcagcac	agggaccccc	ccacagta		588

<210> 8904  
 <211> 829  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(830)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (249)...(755)  
 <223> similar to gil335205 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8904						
ccagcctagc	aaagttgatg	gggattnagn	gcatgntggt	tnnnnnnnngg	gnaaatgnnn	60
aaaanngngg	ggtnaagang	ggnnttnnaa	angggggngg	ggtagannag	gnnnngnnnt	120
taaaaagtan	nnnnnnnnnn	nnggnnnnnn	ggaatanngt	ggnnnnttctt	ctccccacca	180
cccctccenn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnngc	catgaatttt	ctatgggaat	240
gaatatacct	taataaagaa	aatcaagcaa	tacaatgggc	tacaatgact	gactaagaaa	300
aacacatgat	tatcttaatg	gatacagaaa	aagtatttaa	caaaattgaa	atatcaactc	360
atgatcttaa	aacaattctg	aacaatctag	taatcatagg	aaattttctt	aaactgataa	420
agaatatcta	caaaaaacct	atagctaaca	tcatacttaa	tgaaatacta	aatgcttccc	480
cccagccaca	ctaagatcag	agacttggca	aatacgtgtg	ctccaaacat	tcccttttaa	540
cttcttactg	caagtcttag	ccaacgcagt	atttcaagaa	gacataaaaag	gcaagcaaat	600
tggaaaggaa	gaaattaaac	tatccatatt	cacatgtaaa	tagtaaacta	tacagacacc	660
actgtatgta	gaaaatgcc	agaaatatac	ataaaagtgc	atataataaa	tgagttagc	720
aaagttgcag	gatacaaggt	caacatacca	aaagtgactt	tcagatgcat	atacccttat	780
ttggtgttca	atcacatcag	tgtggtcttt	tttataaaaag	atgatgcta		829

<210> 8905  
 <211> 1099  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (493)...(1099)  
 <223> similar to gi30168 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8905
aggcacaata atagaagacg acacatagaa gagagagact aagaaaagat aatcaaaaaca 60
taaataacag cgagtccaaa acaggcatat cgaaatttca cacactaaga atgcaaagtt 120
cataaagcac aagattacaa gtaaaggctg gacaagattg agaaacccca ttataatgta 180
gaaaaaaaaa aattcaaaat tagccaggca tgggtggtggg cacctgtaat cccagctact 240
cgggagactg aggcggggaga ttctcttgaa cctgggaggc agagggttgcg gtgagccgag 300
atcgtgccat tgcactccag cctgggcaac aagagcaaaa ctccatctca aaaagaaaaa 360
agaaagaaag aaatgctagg ggaaaatggt ttaactagtc attcttccca gtagctaattg 420
aagctgactt ttaaaaagaa ggctgtgagc tttgcagatg ctgctgccgc ccagggtccc 480
ctgcttcag ccattggtcaa cccaccatg tttttccaca ttgctgtcga tggcgagccc 540
ttgggctgtg tctccttcga ggtaaggggc ctggaaagca agaagtgact gctcatctaa 600
tccataaaac tatgttaaca gattggagct gtttgcagac aagggtccaa agacagcaga 660
aaatttccat gctctgagca ctggagaaaa aggatttggg tataaggggt cctgctttca 720
cagaattatt ccagggttta cgtgtcagag tggtgacttc acacgccata cagcattggt 780
ggcaagtcca tctgcaggga gaaatttgat gacaagaact tcatcctgaa gcatacgggt 840
cctggcatct tgtccatggc aaatgctgga cccagcgtga acgtttccca gttttttatc 900
tgccctgcca agatgccaa acagagtggg tggattgcaa gcatgtgggc tttggcaagg 960
tgaaagatgg catgaatatt gtggaggtca tggagcactt ggggtccaag aatggcaaga 1020
tcagcaatca gcaagaagat caccattgct gactggacaa ctgcaataaa tttgacgggt 1080
gtttctctta aaaaaaaaaa

```

<210> 8906  
 <211> 1062  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (724)...(1008)  
 <223> similar to gi403460 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8906
tccaggtcaa aaaaccctcc ccaaccctca cacagccctg gtttgctcgt gagcttgtct 60
atgatattgt actcccaaca gctgcacaac actgcgtcct ccctgagagc tgcagcagca 120
gtcacgtcc acacggtcag caggaggat aggtaaacac atacaagatc aaccgcaaag 180
tagcattcgt gtttctagct gggaccacac gctgtctctg ctgctcttct agtcttcgga 240
agtgcctgtc tcacatgcac tgccaacatc tacacaccct gtcacaagag acccccagac 300
cacagccttc cagacgtctc catctacaca ccctgtcaca agagaccccc agaccacagc 360
cttcagaag cctccatcta cacaccgtgt cacaagagag acccccaggc cacagccttc 420
cagaagcctc catctacaca ccgtgtcaca agagaccctc acaactacagc cttccagaag 480
cctccatcta cataccatgt cacaggagac cctcagaccg cagccttcca gaagcctcca 540
tctacacacc atgtcacaag agaccctcag actacagcct tccagaagcc tccatctaca 600

```

taccatgtca	caggagactc	tcaggctgca	gcctcccaga	agcctcctga	ggaaagcagg	660
gcttcacatctg	aagacaggtc	actggcatta	agcttacttg	tttttttgag	acgggggtctc	720
tgtctgtcgc	ccaggctgga	gaatgggtgt	gtgatcacgg	ctcactgtag	cctcgacctc	780
ctcaggctca	ggtgattctc	ctacctcagc	ctccccagt	gcagggacta	cagggtgctca	840
ccaccatact	cggctgattt	tgtgtttttt	gtagagacgg	ggtttcacca	tgttgcccag	900
gctggctctcg	aactcctgag	ctcaagccat	ccaccacact	cggcctcccc	aaatcctggg	960
attacagatg	cgaactaccg	tgctgggcct	aatcttactg	ttttaatgta	aaaatggaca	1020
gtcttgagga	agacagattg	ggaagattca	tatcttcatg	ag		1062

<210> 8907

<211> 1475

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (304)...(1404)

<223> similar to gi2191152 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8907

attcccgggt	cgacgatttc	gtggccgtcc	ggcctccctg	acatgcagat	ttccacccag	60
aagacagaga	aggagccagt	ggatcatgaa	tgggctgggg	tcaaagactg	ggtgcctggg	120
agctgaggca	gccaccgttt	cagcctggcc	agccctctgg	accccgaggt	tggaccctac	180
tgtgacacac	ctaccatgcg	gacactcttc	aacctcctct	ggcttgccct	ggcctgcagc	240
cctgttcaca	ctaccctgtc	aaagtcagat	gccaaaaaag	ccgcctcaaa	gacgctgctg	300
gagaagagtc	agttttcaga	taagccgggt	caagaccggg	gtttggtggg	gacggacctc	360
aaagctgaga	gtgtggttct	tgagcatcgc	agctactgct	cggcaaaggc	ccgggacaga	420
cactttgctg	gggatgtact	gggctatgtc	actccatgga	acagccatgg	ctacgatgtc	480
accaaggtct	ttgggagcaa	gttcacacag	atctcaccgc	tctggctgca	gctgaagaga	540
cgtggccgtg	agatgtttga	ggtcacgggc	ctccacgacg	tggaccaagg	gtggatgcga	600
gctgtcagga	agcatgccaa	gggcctgcac	atagtgcctc	ggctcctgtt	tgaggactgg	660
acttacgatg	atttccggaa	cgtcttagac	agtgaggatg	agatagagga	gctgagcaag	720
accgtgggtc	aggtggcaaa	gaaccagcat	ttcgatggct	tcgtgggtgga	ggtctggaac	780
cagctgctaa	gccagaagcg	cgtgggcctc	atccacatgc	tcacccactt	ggccgaggct	840
ctgcaccagg	cccggctgct	ggcctcctg	gtcatcccgc	ctgccatcac	ccccgggacc	900
gaccagctgg	gcatgttcac	gcacaaggag	tttgagcagc	tggcccccg	gctggatggg	960
ttcagcctca	tgacctacga	ctactctaca	gcgcacagc	ctggccctaa	tgcacccctg	1020
tcctgggttc	gagcctgcgt	ccaggtcctg	gacccgaagt	ccaagtggcg	aagcaaaatc	1080
ctcctggggc	tcaacttcta	tggtatggac	tacgcgacct	ccaaggatgc	ccgtgagcct	1140
gttgtcgggg	ccaggtacat	ccagacactg	aaggaccaca	ggccccggat	ggtgtggggac	1200
agccaggtct	cagagcactt	cttcgagtac	aagaagagcc	gcagtgggag	gcacgtcgtc	1260
ttctacccaa	ccctgaagtc	cctgcagggt	cggctggagc	tggccccgga	gctggggcgtt	1320
ggggctctcta	tctgggagct	gggccagggc	ctggactact	tctacgacct	gctctagggt	1380
ggcattgcgg	cctccgcggg	ggacgtgttc	ttttctaagc	catggagtga	gtgagcagggt	1440
gtgaaataca	ggcctccact	ccgaaaaaaa	aaaaa			1475

<210> 8908  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (363)...(691)  
 <223> similar to gil87177 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```
<400> 8908
cccacgcgtc cgaggaggca gtatctctga aaaacctcat atacctgaaa ctgagggtcac      60
agagtactga ggctgaacca gacagtagag aatgcttttc cttgactccc caaccacacat     120
ccccctcacc atcaggctag gaagcacatc aagcaacaag taaccacagc ctaccactag      180
agaggaagca agagcataga ctctgagggtg aacatgcaca gtgaaggcct aaagcttggg      240
atggaacaat accattgagg aaagtactcg agcaaaactg agtaacctat gaattatagt      300
ggaactcaaa aggaaagtta aaacatattt tgtattgaac gaagatgaaa catggcacac      360
gtggaataca gctaaagctt aggggggatat ttacagcatt acatgttata ctagaaaaga      420
aaaaagtgcc ccaatttagt actttaagct ttcacattaa gaaactagga aaagaagagc      480
aaactaaatc taaagcaagc agaaggaaga acactgtaag gataaaagtg ggaaccagtt      540
aaattgaaag aaggaaataa tagagaaaac taataaacta aaagctagtc ctctgaaaag      600
atcaagattg gtaagtctct agccagactg aggaaaaaga aaacacaaag tatcaacatc      660
aggaatagca cttaggatgt caatggagat cctaaagaca ctaaagtg      708
```

<210> 8909  
 <211> 1749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (727)...(1474)  
 <223> similar to gi3044086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```
<400> 8909
tttttttttt ttgttttaac aaacatgttt attagaaaag taaaaaatat tgcataaggct      60
ttaatacttg aacatcaagt gtattcatga acagtgaagta tcttatcttc atgtaaacag      120
ttctagatgg aagaccaga tggcactcct cccggggagg ggttccagcc cccaccctct      180
cagccccctc cctgccagct caactctgca gtacacgatg ggggaaggct taaacgcagc      240
tgccagggtg aatttttcaa gtgtcaaaga tcccaagtga tccctgacac ccacccttc      300
ctactcttac attcatgcgt ctgtaagata gctgcctaca acaggtcagt agtgatgctc      360
cgatcagaaa aacaagatac aaaacaaaca acaaacacac ttgggtccctt cagaccagta      420
agatacacia accacctcca cgacctccga cctccccctt ccctccggt gctctgagga      480
gcacgtgcct cttccttcac cctgggccag gctggggcgg gagcagccca gctgctctct      540
```

ggatgtcaca	ccactgttaa	ctgtcagtaa	caaaaataat	aaggtacatg	ctacacacac	600
atccagctgg	aagccttggt	ggcccctaag	cctttgtttc	atgctacagt	actgaggggt	660
atgtgtcccc	aatgcacagc	caccgcgaca	caactcaatg	agcttcctgg	gaaacactat	720
tccccacct	ccaccttagg	tggtgcctc	agttttccaa	ccactggaat	cagtcctca	780
gtcctgcct	ctagtctcca	ccccaaaagt	tcagtctct	ctgtcttga	gggactgtc	840
ggccccctca	ggttgaagtt	caacactcct	caatgagcag	ctgttccgag	ctgtacagct	900
tcttcttgat	gactcggaag	ccagtgtca	gcgtcagga	ctggctgaag	ccaggagga	960
agggagagtt	ggcggagcta	aacagcccct	ggatcttggg	ccagagtcgt	gagtcaggc	1020
gcagcacgag	ggtcagctgg	aaggtgggca	ccaggctggg	gtcgagtgc	agctggccca	1080
cgctgtggca	gtctttgccc	tgctccacgc	agacgtccag	cagcgcccc	cgcaggccgc	1140
acggctcgct	gtaggccagg	cgcagtagtt	ctttgcccac	ctggcttacc	aactggctag	1200
gcatcagcag	gcgcgcaggg	cgctcgagagc	ccagccgcgc	ctgggcccagg	ctctcctgca	1260
gcagctgcat	caggttggca	cacaagtgtt	catcctcagg	gtcactgagc	agctcgaagt	1320
cgggcaacga	caccccatcc	aggtaagccg	tgtcttctc	cggcccgaag	ccactgttgc	1380
tgctgtccag	ggactcgcag	tccgagctct	ccaggctcgt	ggagcggcca	aacccctcct	1440
cccgggtcgc	cgacccccag	gctgagcgcg	gcggccgata	tggggtggga	gttcggggca	1500
aggacgaggg	cgaagaggag	gtggacgacg	acgagaagcg	gtcccaaagg	ctaggcatgg	1560
tgaggacaga	cgccagggcg	tttgcgtgat	aactcagagt	gccggagcgt	agaagccgca	1620
gctagcgcgg	tcagcgagaa	ctgctaagac	aagtgcgtcc	tgccgcttga	atgggtgtgc	1680
gaacccgtgc	caaccaccga	gagccgcccc	gaccgcgtcc	aggtccacgc	tcgcacctcc	1740
cccttggcc						1749

<210> 8910

<211> 577

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (207)...(548)

<223> similar to gi4996098 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8910

tttaggggtg	gagccggcag	gaaatttaaa	ctgaagccgc	ggccgaaaac	gccaagagat	60
tgatgctgta	gctgccctga	gataaccagg	actgtggaat	cggaagagc	tcattgagct	120
cgcgaatgta	atacggaggc	ctctgaggaa	ggagtacgga	ggccgagaag	gagccggcat	180
ttgatgagcg	aaccgggaaa	gggagacgat	tgctcagagc	tggagagttc	catggctgag	240
agtaggctcc	gggccccgga	cctaggagtt	tccagggtgc	taggaaaatg	ccagaagaac	300
tcaccagggtg	ccaggaagca	tcccttttcc	ggaaagtcct	tttacttgga	tctgcctgct	360
ggcaagaatc	tccagttttt	gacgggggcc	attcagcaac	tgggtggggg	aattgagggg	420
tttctgagca	aagaagtaag	ttacatcgtg	tccagccgca	gagaagtaaa	ggcagagagc	480
agtgggaaaa	gccatagagg	ctgccctagc	cctagcccca	gtgagggtcag	agtggaaaca	540
tcggccatgg	ttgattcaaa	aaggcagcca	ccccagt			577

<210> 8911

<211> 1685  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1686)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1250)...(1685)  
 <223> similar to gi454158 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8911

ggaggcagga	ggaacatttt	ctcttggtgc	tctgccacat	gttgccctcag	ctcagccaat	60
tcagaaaccc	agaatgtccc	tacctgaaaa	cctgaaactt	cctattccta	gatatcaacc	120
ccctagaaat	agcaaagcat	caagaaagaa	acccatcctg	atctttccta	agagtggctg	180
tagcaaaagt	cctgccc aaa	cccaaagtgt	tcctcagatg	tccccttccc	cacctcacca	240
ccctgaactc	ctgtacaaac	ccagtcatt	tgaggaagta	ccatcactag	agcaagcccc	300
agccagcatt	agcacagctg	cgtgaccaa	tggaaatgac	catggggact	tgagaccacc	360
agtgaccaac	acccatggca	gtctgaaccc	tcctgctacc	ccagcatcat	ccacaccaga	420
ggagcctgcc	aagcaggacc	tcacagctct	ttcagggaaa	gcacactttg	taagcaagat	480
aacatctagt	aaaccttctg	ctgttgccag	tgaaaaattt	aaagaacaag	ttgatcttgc	540
aaaaacctag	accaatttat	caccaacctat	tcttggaat	gcagttcagt	tgatctcttc	600
agtccccaaa	gggaaaactgc	caatcccacc	ctactcaaga	atgaagacaa	tggaggttta	660
caaaatcaaa	tcagatgcta	acattgcagg	tttttcttta	ccaggacctta	aggccgactg	720
tgataagata	ccctccacca	cagaaggctt	taatgcagcc	accaaggtgg	caagcaggct	780
acctgttcca	caagtgtcac	agcagagtgc	ctgtgaaagt	gccttttgtc	caccaccaa	840
acttgatctt	aaccacaaaa	caaaactgaa	cagtggagca	gcaaagagaa	aaggaagaaa	900
acggaaggta	ccagatgaaa	ttttggcatt	tcagggaaaa	aggaggaaat	atatcattaa	960
taagtgtaga	gatggtaaa	aaagagtaaa	aaatgatccc	caagaattca	gagacaaaaa	1020
gctggggacc	ctgaaaaaat	accgtagcat	tatgccccaa	cctatcatgg	tcatacccac	1080
tttggcctcc	ctggcttctc	caactacact	acagtcccag	atgcttgggg	gcctaggaca	1140
ggatgttttg	ttaaataatt	cactcactcc	taaatatctt	ggctgtaagc	aagacaacag	1200
ctcttcccct	aagcccagct	ccgtgttcag	aaatggattc	tctggcatta	agaagccttg	1260
gcacagatgt	cagctctgca	accaccactt	ccagttcaaa	cagcaccttc	gagaccacat	1320
gaatacacac	accaacagac	gcccttacag	ttgtcggatt	tgctcgcaagt	cctatgtacg	1380
tcctggcagc	ctgagcacac	acatgaaact	tcatcatggt	gagaaccgtc	tgaagaaaact	1440
catgtgttgt	gagttttgtg	caaaagtgtt	tggccacatc	cgagtctatt	ttggccatct	1500
gaaagaagtg	catagggttg	tgatcagcac	tgagcctgcg	cccagtgaac	tgagccagg	1560
agacatacca	aagaacagag	acatgagtgt	gcgaggcatg	gnagggatca	ttgggagaag	1620
ggaaaacaag	tccaacctgg	aagaagactt	ccttctaaac	caggcagacg	aagtcccaaa	1680
aatta						1685

<210> 8912  
 <211> 898  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (779)...(774)
<223> similar to gi5420389 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8912
tttttttttt ttggaattaa ttactctttt attagcacia aataacagca acctagcagc      60
cgcacggccc gagaataagt taaggcacag agcaggcgac gggcggcttt cccagggcca      120
ggcctgcatg ccccgaaactt cctgagcaaa ctccctaggg gctggggttt cgaggggtcct      180
ggagggcctc ttcccttgag atgaggggaa cggaacaggg caagaggggc gccccatgg      240
gcgcaagggg tccacgctgc gccgcgatca cttctcgaag tagggcaggt agaagaactg      300
gaagccccgg tggcccttga ccgcgcagta gatgaagatc acgtgataga ctccaggcac      360
caacaacagg aagcccggca cgaagaagat ggcgctggag acacctggag aggggggtcgc      420
ctccagtccc acgccgacca ggatcagcac cagccccagc agcaggagca ggaaggaggc      480
cagcaccact cggcggttct tctggatcaa aggggtgttg gtccagctgc agcagggtgtt      540
gtaggagcgc tgggtgctgc tgctgatggt gctgaaggac cactgggagc tgcggatgga      600
agttcggctg gaatccctgg tgccgactcc cccatccggc tccggagagg cctgggctcc      660
atcctcatcg ttctccaggt tctggtagcg cagccgggag tgcttgcct cgtcagccac      720
ctcgaaccgg gcccgcgct cgaagtgcag cggcccaaag cgcgcgaccc cgctggactc      780
gggcccaggg ccccgtcct ccagggacag ctccaaggca tcatcaatgc tgaactgggg      840
ccgggcggcg ctcatggccc cggcccgtc aggcgcctg cgccgcgcgc atctgcgc      898

```

```

<210> 8913
<211> 756
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (473)...(646)
<223> similar to gi2271518 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8913
actccactcc ttacctctga ttagccttta cctgcactcc tattttctaat acttttagtaa      60
aaaagtgttt cattcaaatg ttaactttta acagcagaca gacacaaaaa ttagtaaagc      120
aagggtttaag gtcattgcat tccaatttat cacctccctt ttgtgtccct gttcagacta      180
tgagctccaa gaagatgggg accagagtgt ttggtacatt gctgaatccc catgcctggc      240
atagcccttg gcttacagaa ggcacttaaa aatatcagca aaggaaggaa gaaatgaagg      300
aaaagagcga ggaaaacat ggtttccttg ataactgcta cgggctgagg ggcctccct      360
ataccattct ttctgtctgt ctgccacgac cttgaatggt acaccacaac tactctggtt      420
atacctcagg agttgattcc agaaaagatt tcactacaag atctcccggg tctctcctca      480
cttctaagca agtaactgag gccacattag tggtgcccc tttgccatcc agattcctaa      540
gatccaatgt ctgctgggat cgttcatgca attgcaatgc ccctcggcca ccctctcacc      600
agtgtcccca agtcacctcc caaaaccct ctcaccagtg ctcccaagtc acctcccaa      660

```

actcctctca	ccagtgtctc	caagtcacct	cccaaaaccc	ctctcaccag	tgctcccagg	720
tcacctccca	aaaaccctc	tcaccagtgc	tcccag			756

<210> 8914

<211> 3457

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3437)...(0)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8914

tttttttttt	tttttttttca	tcttccaaag	tttttaattc	attggtttct	agtatatattca	60
caaagttgtg	caaccatcat	tccacaattt	catcatcttc	caaagaaagc	ccgtccctgt	120
tagctgtcat	gcctcttctc	tcttcctcca	gtacctggca	accaccaatg	tgctttgtct	180
ctgatacaca	gattttgcta	ttctggacat	ttcacataaa	ctcgtgattg	gcttctttca	240
cttagcgtaa	tattttgtagg	attcactcag	gctgtggcat	gcgtcagaat	ttccttcctt	300
tttatggggg	ccaaataata	tttccattgt	atgggacagg	aacacacttc	atggtcttaa	360
atttcatctg	tggggatggg	acatttgggg	ttggttgcc	acccgtttgg	actttttgag	420
gtaatgctgc	ctatggaacg	cggggacccc	agggatttgt	gtggatggat	gttttcaatt	480
ctcttgggca	tagacctggg	aaggttatac	ttttattgat	attaatagtt	ctgatattgg	540
acatccctgc	tgtgtgggtt	cacctctcat	ggactctgac	ggctgctgtg	ccttctctgc	600
tcggcaggcg	gtgccctgag	gcacaggtgg	gcgtctgggg	ctggaactct	cgctaggcgc	660
tacaacttcc	tctcctgccc	tgtggcagag	ccaagcccct	tgcagggctg	ttgccagcat	720
gggatgagtc	tatgaaaaca	cgtggcacgc	agtaggtcca	cagttaccac	tggcagcctg	780
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cttttccctg	tcctgggtct	gttctgttac	atggagtctc	tgggggaagc	cctggggacg	1140
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gcctgacaca	gctccctcat	ctgcttctca	cagcacatct	gcgaggacag	gactggccgt	1560
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gcccttaggg	gtctggaaaa	gtctgtggag	caggaggggt	gggggtggct	cttggaaga	1860
cttctgtgtg	ctgacggagg	gagagagcca	cgctagggga	aggcctttct	ggccactact	1920
gccgagcccc	accctgcctt	gaaatttgct	catgagggag	gcctgtgcca	tcttgtgacc	1980
gcaaacagc	agacggcaaa	agacaaaagc	cagctgcgg	gcgatggcgg	gaagacgaca	2040
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gccgggcgtg	gtggcacatg	cctgtaatcc	cagctactcg	ggaggctgag	gcaggagaat	3360
cacttgaacc	tgggagatgg	aggttgcagc	cagctgagag	cgcaccattg	cactccagcc	3420
tgggggacga	gagcgaaact	cggtctcaaa	aaaaaaa			3457

<210> 8915

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (98)...(479)

<223> similar to gi938238 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8915

gcggggctga	ccgtgcgctt	cgctgcggg	gtcgtgctgg	ggcggcgggt	acgctatttg	60
aagaacaggt	ttccatgctc	ttagaggagc	atcagaaaaat	gaacaaaccc	cagaagtcca	120
gaaattaaga	gacctgataa	agggagccca	ggaaaatcga	gatgcatatt	tgtggtacac	180
ttcagttctc	agtaacaaca	cactgactaa	gaagagggaa	tacgtttttg	ggaaaaacct	240
taatctgggt	gcaaacccag	tttcttcaag	aaaaatagcc	tgtagtatg	actcatgtgg	300
aatgagtttg	aatacgtttc	agaatcaagt	attagtata	aaaattatgc	cagtaataac	360
actgatgaaa	ttaatataag	tgagaagttg	ccttttgata	gtaatcagga	aaacactcat	420
actgggaaga	aatctgttgt	atatgaccaa	agtgggaagt	caccaagtca	tagtgagg	478

<210> 8916

<211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (367)...(744)  
 <223> similar to gi206716 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8916

ttttagaaat	acaccagtag	taccggacaa	accaatctcc	aggaaccacc	gggttgagcc	60
gccaaaacag	gaatcaggcg	cgcagcctcg	gccagtcggg	aagccactgg	cacctatggc	120
caggcgagaa	actgtttact	ttctccaccc	caccccagat	gcacacaatg	gagttgatgg	180
ctttggagat	gagaagcgcc	accggactgt	taaccccgaa	gggaagaaaa	acaagcaacc	240
ctaaaccacg	ctctgggcag	ggctgttaat	tgtgccggtg	acaaatccga	tgattaatgg	300
gcaggggcag	gaggcgcggg	gagacggcac	gtccgttctg	agctggctcc	ggggcagcgg	360
cgcagcttcc	caccccgggg	ctgggccgcc	gaccacgcaa	cggttggagg	gggctgagga	420
aaggggacgt	cgaaccacc	ccagcccac	ggctcctttg	tccccaatc	cgccgacggg	480
cctcggaccg	cagctcccg	ctcggtgggc	ttaagtctct	ttgttggtcg	tgttgtcttc	540
tcctctccgt	tttgccagct	ggggggaagg	gggcgccctc	cgtccagccc	ctaaagcctc	600
gcggggaacc	gctgttagcg	gccaccagc	gcaaccacac	cggtcgcccg	gcggggccca	660
agcgcgaccg	gccccggggc	gctgccgagg	ttccagcagc	cccgcaggcc	ggactctgac	720
ccagggatgt	ggggcccgcg	tccggacgcg	tgggtcga			758

<210> 8917  
 <211> 1598  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1094)...(1598)  
 <223> similar to gi484219 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8917

tttttttttt	gtagcggata	gccagtttta	atgaacagag	gatactgatt	ggtataaaaa	60
ggtgtgtttg	tactgaggt	gtcctcattt	tctagatgag	gagttgtctt	ctccatggtc	120
ttgaacgcct	gcttcgccat	ggcaccagcg	tctgggtgca	cgctggctgt	cgccacaggg	180
caggagctgc	tcatggaaag	gtgtgtgccc	ctagtgtgca	gcactgggtca	gcttttccac	240
atagtaacaa	cagccttggt	ctgggcctga	gaaggccccc	aaaggtagac	gaaaaggaac	300
catggccaaa	tgctatcaa	tcagcccggg	acctaatgta	acccaggacc	catgtgaggg	360
aggctgagcc	ttcacctttc	agcccttccc	tcagcatgtg	gttctcagtt	tagggcagag	420
cttcttaaga	ttcactttct	ggcgtttagg	ggcccagccc	caccagcagt	acaggcctac	480
accagtgtaa	tttgaaacgt	acagacggtg	gaagaggaag	tctagggagc	ttgggtcctt	540
agaccaccag	ggagcagggg	agggatggga	agggtcgggg	ggcggcgggg	gctcaccttc	600

ctctgcttcc	ctgtgggctg	ggttcagagc	tcctcagtgt	cctggcctcc	caggtgggat	660
caagcagggg	gggtgcagct	gcagcgttcc	aggcaagagc	tcaagctcca	gtaccaggaa	720
cataagggga	cataagggcc	tcaggcaaac	tagggttacg	ggccactgcc	ccaagagttg	780
agtggggcac	aagcaatccc	cagtgtccag	gcgcttcccc	atgagagccg	ccagcaggca	840
acggtgtgcc	aggccggcct	gagcggggcc	agtacacagt	gggtgcgagg	cttctctcaa	900
atgcgcgctc	cagctcatca	gtcttagggc	ttctgaggca	acctagtggg	tcctggactt	960
ctgttgctgt	ggggcctcaa	acctgttgag	tagccacctc	agatgaccag	aaccacctc	1020
cagagttcct	atgaccaaag	ttgtctagag	ccgctccgga	cactgccagg	gttgctactg	1080
acaggaatgg	ggtccccaga	gaaagccatg	cccacaggca	tccaccagct	gcagacaggc	1140
ccggccccctg	catggcctgc	cttggctgca	ccttgtagat	cctggatggc	atctgccggc	1200
cacgggctga	gtccccacac	acacagactg	gccttgagga	gagcaaggca	agccccctaa	1260
cctgggacaa	gtggacactg	aggactccca	gacccagccc	tgggtggctc	cagcttgagg	1320
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acccgcgctt	tctgtcgctt	tgtggtcctc	tgtccagccc	ctgggaggga	acgcggctcc	1440
cctgacactc	gaagccaggg	aggcctctct	ctttgcctgc	tgggcccggg	gccgctcttc	1500
agttctgcca	gggctgctga	ggcggcacag	gccagagagg	gaggaaccag	ggctgagggc	1560
aggaaccaca	gaggtgcaga	cgcgggggcg	gggcacag			1598

<210> 8918

<211> 1940

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (128)...(1922)

<223> similar to gi2832777 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8918

cttacgccaa	gcttggcacg	aggcgggaaga	acccgcagca	gctcccagga	tgaactgggt	60
gcagtggctg	ctgctgctgc	gggggcgctg	agaggacacg	agctctatgc	ctttccggct	120
gctcatcccc	ctcgccctcc	tgtgcgcgct	gctgcctcag	cacccatggg	cgccagggtc	180
cgacggctcc	gcgccagatc	ccgcccacta	cagggagcga	gtcaaggcca	tgttctacca	240
cgcctacgac	agctacctgg	agaatgcctt	tcccttcgat	gagctgcgac	ctctcacctg	300
tgacgggcac	gacacctggg	gcagtttttc	tctgactcta	attgatgcac	tggacacctt	360
gctgatctct	tttttatttc	cagatttttg	ggaatgtctc	agaattccaa	agagtgggtg	420
aagtgtccca	ggacagcggt	gactttgata	ttgatgtgaa	cgccctctgt	tttgaaacaa	480
acattcgagt	ggtaggagga	ctcctgtctg	ctcatctgct	ctccaagaag	gctgggggtg	540
aagtagaggc	tggatggccc	tgttccgggc	ctctcctgag	aatggctgag	gaggcggccc	600
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tgttcctaga	gtataacaaa	gccatccgga	actacacccg	cttcgatgac	tggtagctgt	1020
gggttcagat	gtacaagggg	actgtgtcca	tgccagtctt	ccagtccctg	gaggcctact	1080
ggcctggctc	tcaaagcctc	attggagaca	ttgacaatgc	catgaggacc	ttcctcaact	1140
actacactgt	atggaagcag	tttggggggc	tcccgaatt	ctacaacatt	cctcagggat	1200

acacagtgga	gaagcgagag	ggctaccac	ttcggccaga	acttattgaa	agcgcaatgt	1260
acctctaccg	tgccacgggg	gatccaccc	tcctagaact	cggaagagat	gctgtggaat	1320
ccattgaaaa	aatcagcaag	gtggagtgcg	gatttgcaac	aatcaaagat	ctgcgagacc	1380
acaagctgga	caaccgcatg	gagtcgttct	tcctggccga	gactgtgaaa	tacctctacc	1440
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ccagtcagcc	cttcacctcc	aagttggcat	tactgggaca	ggttttccta	gactcctcat	1860
aacctctgga	taattttttt	attttttattt	ttttgaggct	aaactataat	aaattgcttt	1920
tggctatcat	aaaaaaaaaa					1940

<210> 8919

<211> 2011

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2012)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (156)...(2011)

<223> similar to gi4200216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8919

agttcctggg	ctctacaaca	tttccttttc	ttgggataca	tggaggtggt	gagggaaagc	60
tgagagaatg	aaggctctaa	atccccagtg	gaagcatgat	atggcgaagc	agagctgggtg	120
ctgaattggt	ctctctgatg	gctctatggg	agtggatagc	actgagtcct	cattgctggg	180
ttttagcggg	tgctgctggt	tcggatcagc	atgccacaag	ccccttcgac	tggctcctct	240
ctgataaggg	acccttccat	cgtcacagg	aatacacaga	ttttgtggac	agaagccggc	300
agggatttag	cacaagatac	aagatataca	gggagtttgg	ccgctggaaa	gtaaataacc	360
ttgcagttga	gagaagaaat	ttccttggct	ctcctctgcc	tcttgcccct	gaattcttcc	420
gcaacattaa	gacttttggg	acgtcgacct	acccttcagc	aaatcacaga	aaaccttatc	480
aagaaatatg	ggacacattt	cttgctatct	gctactctgg	gaggagagga	gtcactcaca	540
atttttgtgg	acaagcggaa	gttgagcaaa	cgagctgaag	gaagtgattc	caccaccaat	600
agctcttcgg	tcactctgga	gacgctacat	cagctagccg	cttcttattt	cattgacagg	660
gacagcacc	ttcggagact	tcaccacatt	caaattgcat	ccactgccat	aaaggtaaca	720
gaaacacgga	ctggctcctc	tggctgcagt	aactatgaca	acctagattc	tgtcagttct	780
gttctgggtc	agagtcctga	gaataagatt	cagttgcaag	ggcttcaagt	acttctccca	840
gactatcttc	aggaacgttt	tgtacaagca	gctttgagct	acattgcttg	caattcagag	900
ggagagttaa	tctgcaagga	aaatgactgc	tgggtgctact	gtggtcccaa	atttccagaa	960
tgcaactgcc	cctccatgga	cattcaagcc	atggaagaga	atcttcttcg	aataactgaa	1020
acctggaaag	cttacaacag	tgactttgag	gaatcagatg	aattcaagtt	atttatgaaa	1080
aggctacct	tgggaatttat	tttctctaac	acatcttact	attaatggca	tttgtgggac	1140

aatgggttct	aattttcagg	cgccgtttat	ggaaccaact	ggggaacagc	atgaaacaac	1200
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aaacaacccc	tcatacagct	gccaagacaa	agaacctcaa	cctactggct	tactcgcatc	1320
cagtcttttc	tctactgcaa	tgagaacggc	ctcctaggca	gctttttcaga	agagacgcac	1380
tcgtgcacgt	gtccgaatga	ccagggtggc	tgcaccgcgt	tcctgccctg	cacagtggga	1440
gacgcctctg	cctgcctgac	atgcgcacca	gacaaccgca	cccgtgcgg	cacctgcaac	1500
accggctaca	tgctcagcca	ggggctctgc	aagcctgaag	tcgccgagtc	caccgatcac	1560
tatattggct	ttgaaactga	cctgcaagat	ctcgagatga	aatatctgct	gcagaaaacg	1620
gacagacgaa	tagaagtcca	tgccattttt	atcagcaatg	acatgcgcct	caatagctgg	1680
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ttggagccag	tggtggctgt	ttatgtcaat	cccttcggag	gcagccactc	tgagagctgg	1860
tttatgcctg	tgaatgaaaa	cagctttcca	gactggggagc	ggactaagtt	ggacctaccc	1920
ctgcagtgtt	ataactggac	attaactctg	gggaacaaat	ggaagacatt	ntttgagaca	1980
gtacacatct	acctgagaag	tcgcatcaag	c			2011

<210> 8920

<211> 2273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (641)...(1547)

<223> similar to gi4314381 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8920

ttcatggctg	accacgcgt	ccgctggggg	atccagtgac	gtgcccattc	acttagacca	60
ggtgagactg	gctgatggtg	tctggggctg	catgtgactt	agttggggga	cctgctcttg	120
gcctccagac	tgggcctgat	ggcgtgggcg	cctgcctgtg	tgcaggccca	agggctcagc	180
tgcctctgtc	tgttcccaga	ccctcctcc	tgtagagagt	ggtgctgccc	tctcgggatg	240
tacctgcagg	tggagaccgc	caccagctcc	cgctccatc	tgaagagggc	tccaggcatc	300
cggctcctgg	ccctgctggt	tggaatcttg	tcgattggcc	tggtgctgctg	ctactacagc	360
ggagatagcc	tgggctggaa	gctcttctac	gtcacaggct	gcctgtttgt	ggctgtgcag	420
aacttggagg	actgggagga	agccatcttc	gacaagagca	cagggaaggt	tgttttgaag	480
acgttcagcc	tctacaagaa	gctgctgact	cttttcagag	ctggccacga	ccagggtggtg	540
gtcctgtctc	atgatgtccg	tgatgtgagc	gtggaggagg	agaaggtccg	gtacttcggg	600
aaaggctaca	tggtggtgct	ccggcttgcg	acgggcttct	cccaccccct	cacgcagagt	660
gcagtcatgg	gccaccgcag	tgatgtggaa	gccatcgcca	agctcatcac	cagcttcttg	720
gagctgcact	gccttgagag	ccccacagag	ctgtctcaga	gcagcgacag	tgaggccggt	780
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tgagcccggtg	caccgcccac	aggaccctg	gcacattccc	ggtgtgcctg	agcccgtgca	1020
ccgcccacag	gaccggtggc	acattcccgg	tgtgcctgag	cccgtgcacc	gcccacagga	1080
cccgtggcac	attcccgggtg	tgcttgagcc	cgtgcaccgc	ccacaggacc	cgtggccttg	1140
gcttcagttg	gtgcctccag	ccgagttggc	ctattgcctg	ctcatgctgc	tgcttgacac	1200
ctgcatgaaa	cagcaggcca	gaccaggaca	tccagacttt	ctccatcggtg	aggcctgggc	1260
ctgcctttct	gcagccggag	gtctcgccag	ccctggactc	ctgctttggg	ccacagcaag	1320

acctcgggcg	agtggagagg	cggggccagg	ccggggccctt	gtgggtgctg	atgctgcatg	1380
ttgtccccga	cacagcgcc	tctccctggg	ggacatcccc	agcgggtcagg	tgcttcccca	1440
agggcagtga	ggggtgaaca	tccagggcct	acctggctgt	gcacgctgca	gccacactgt	1500
ggaagctgcc	cctccccgag	gacccgcctc	ccttgctgat	gccaggatct	cggcgcatag	1560
accactctgc	cccagcgggc	gtcacagaaa	ggctctctctg	ttcctcacac	tcagcttcag	1620
cataagctgt	gaggccagaa	aaaagggtcag	ctcttctagt	atcgtgcagt	gcttaaaaac	1680
cgggagctcc	agccggggcg	agtgggttcat	gccagtaatc	ccagcacttt	cggaggccga	1740
ggtgggagga	ttgcttgagg	ccaggagttc	aagaccagcc	tgggcaacac	agcaagatcc	1800
tgtctttgta	aaaaaactaa	ccaaacagga	aaaactggga	gattttctgc	agaaattgag	1860
ttccagcctc	tctcgaacct	gggaagacct	ggcaggaggg	ggctgggctc	tcggctacag	1920
acttctcccc	accccgtagg	agctgaacgc	caaccatcct	gaccgcgcag	tgctcttggt	1980
ctcctgagtg	taccaggtc	ctcccaggtg	cggtgtgcac	cgagcgcgcc	tggcctgatg	2040
ccctggcctg	tgagctgggg	actcctgggc	cctgtgagcc	cctaggcggc	aggcccagga	2100
atggctgggt	aggacagggg	acacctttgc	cccacgtctg	gctgtgacct	cggtgaaagc	2160
cgacaggaga	gagatgggac	cctcctcctc	agtagtggct	gccagtcctc	cggtgcagga	2220
cagggtcatc	ataaccataa	ataacccttc	acgtgtcacc	tgcaaaaaaa	aaa	2273

<210> 8921

<211> 984

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(985)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (310)...(984)

<223> similar to gi1049301 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8921						
aaggacatg	aaagtatcct	ttgagataat	ctttccattc	atcagtgttt	atctagcatc	60
tgctcaagag	tgtgctgcag	tggagggaaa	tcagatgacc	tcccagtctg	gttgtgttac	120
atacaatcat	gtgtaagaag	tgccattcaa	gccgtgtcac	tggaggggac	tgacagtgag	180
tgagtgtgga	taaagaggac	ctcctggggg	gggcaatgtg	agccctcaga	ctctgtaggt	240
attgcatttt	gcagtgaaca	ctggtagaca	tgttttgtgg	ctcaagccag	catgtgtgtg	300
atggtttagg	attcagtgc	ttttgatgat	ctggctgtgg	acttcacccc	aaaagaatgg	360
actttactgg	acccaactca	gagaaacctc	tacagagatg	tgatgctgga	gaactacaag	420
aatttgcca	cagtaggata	tcagctcttc	aaaccagtc	tgatctcttg	gctggaacaa	480
gaagagtcta	ggacagtgc	gagaggtgat	ttccaagctt	cagaatggaa	agtgcaactt	540
aaaaccaaa	agtttagcct	tcagcaggat	gttttggggg	agccaacctc	cagtgggatt	600
caaatgatag	gaagccacaa	cggagggggg	gtcagtgatg	ttaagcaatg	tggagatgtc	660
tccagtgaac	actcatgcct	taagacacat	gtgagaactc	aaaatagtga	gaacacattt	720
gagtgttata	tgtatggagt	agacttcctt	actctgcaca	agaaaacctc	tactggagag	780
caacgtttctg	tatttagtca	cgtgtggaaa	aagccttcaa	gcctgaacctc	agatgttgtt	840
tgccagaaga	accgttgcac	aaggaagaag	aaagcttttt	gattgcagtt	gactctgggg	900
aaatccttcc	attaatccat	tcacaccttc	cagggaacatt	taagaactcc	acnatgggag	960

aaagtctccc atggaaatgg gaag

984

<210> 8922

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (206)...(475)

<223> similar to gi65184 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8922

aacaccagag	ttttaagag	atgttagaag	ccctgggagc	actgaacaaa	ccagaaagct	60
cccgaccctt	gatccctgag	ctccacctag	caagtaccgc	ggcagctaac	ctgggagaat	120
acccaacca	acagagactg	aaattcgctt	cccgagagag	taagtggata	attctaactt	180
gtccctaata	atggcctcac	aaaggaaaac	taaccgttgc	gaacggaaac	aactgaccgg	240
acagaacaca	gccacaaaac	acgagcccgc	accctgaatt	acaaaaacac	ttacggctca	300
tctactattc	gcaccacaaa	agcgccaggg	gaaagcacga	acgcagcccc	ccactatcac	360
aaattatgca	gtcgagtttc	ccacatttgg	ggaaatcgca	gaggtcagca	catctggaac	420
gcaatggata	agccgcgacc	atgagaaaaa	cgccttcatt	atcatggtat	ctcccgtcga	480
cgcggccg						488

<210> 8923

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (48)...(776)

<223> similar to gil732073 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8923

acactggtgc	gcctggcgct	gggcactgca	gagcagcgag	gggcctgccc	tggcctcctg	60
gagacactgg	gagcccttcg	agccatcccc	cccgcgcagc	tgcaggagga	ggccttcatt	120
tcacaggtgc	acagcgtggg	gctgtcagag	cgggacctgc	agcgggagat	caaggccca	180
ctggcccagc	tgcccgatcc	cgcgcgggga	ccccgcgcc	ggccacaggt	cgccctcgcc	240
ggggcccaag	ccatctttga	ggcccagcag	ctggcaggag	tgcgacgagg	cgccaagcct	300
gaggtgcctc	ggattgtggg	gcagcccccg	gaggagccca	gaccaccgcg	gcggaaaccc	360
cagaccgcg	gcaagacttt	ccatgggctc	ctgactcggg	cccggggccc	ccccatcgag	420

```

gggcccccca ggcccccaacg aggctccacc tccttctctgg acacccgctt ctgagaggac 480
catggactta gtgtcccccga gtctcaattg cctgatggct gatgccagcc cggcaaatag 540
gcaccgcact ttactcttgg gactcgggga cttggcttcc ttcttgga ggaccaggca 600
gtggggaagg aggaggtcct ccgtggtaca tactgggtca ggcactagca tggaggaggg 660
tcacagagtg gggcacgtga ggacccatgg aaccgttctg gtgcccaggc ctcacaagt 720
accaaagcca gcaccaaagg agtcagggaa gggcgttggc tgagtcaagg gaccccagag 780
ggcaccagga ataaaatctt cttgaacaga aaaaaaaaaa 819

```

```

<210> 8924
<211> 483
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (185)...(429)
<223> similar to gi5305443 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8924
tttcgtagcc ggtgctgctg caggctgagg ctgcggcaga ggcggcgagg cgcgggcggt 60
gaggacggac agtcaccgac ttagtccagt tccctgtgat ctcaaaacaa ttgttgcagc 120
aggctcctgg cagtctcaag cagttcatct tcttgggtga ctggtttcct attgtgattt 180
tatcatggaa aatcaattgg ctaaatcaac tgaagaatga acatttcagt accaggattc 240
tcttccatca ctgcctgttc cttcacttga agaatcatta aaaaaatacc ttgaatcagt 300
gaaaccattt gcaaatcaag aagaatataa gaaaactgaa gaaatagttc aaaaatttca 360
aagtgggatt ggagaaaaat tgcaccagaa attgcttgaa agagcaaaag ggaaaaagga 420
attgggggat ttgtttgtta taattgaatt attgatgatg ttttaaagat tgataantaa 480
aag 483

```

```

<210> 8925
<211> 906
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (45)...(644)
<223> similar to gi183233 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```



```

<400> 8925
gtggcactcg gccggaactc ccgggtcgac gatttcgtgg aagcctcgcc tggggggcgg      60
cagtggcctg ggcggctctc cggtctgtgt tgtatggctg cacgttggcg ctaccggacg      120
ggatgctgta tccccgagag agcccgtcgt ggcagcgcaa gcagctggac ggcctctgaa      180
gcttccgcgc cgacttctcc gacaaccgac gccggggcctt cgaggagcag aggtaccggc      240
gaccgctgtc ggaggcgcgg actcggggca gggccaggag tcgcccggaa gcccggcggg      300
gggaatgggt caggcccccac cgtggacatg ccggttcctt ccagcttcaa cgacatcggc      360
cagggctggc ggctgcggca ttttgtcagc tggttgtggg atgaacggga ggtgaccctg      420
ctggagcgat ggatccagga cctgtgcaca agagtgggtc tgaggattgg cagtgcccac      480
ttctatgcca tcgtggtatc ccaagggtta ctttgtccag aacacagact ttgacttctt      540
cagctacgca ggactgctgt ggtctctgct tctatacacg acacccccca cctacatcga      600
tgacgtcacc gtcaccaccg gcgtgaagcg agacagtggg gagggcttct ggactggatg      660
gaggacctga agacgtgagg tggaggcaca ggtagaagag aagattctca ccatcgctga      720
ttcacacaaa agcatttctc caagtgggtg cagatgacat gatttcccaa agtgttagag      780
ctgaagtgtg tttccttgtg tatatatact gtggttcctt tatcccttca tctgtggata      840
gacagacaga gtcttgtctt tgttgcccag gctggagtg c agtggcgcg a tttcggctca      900
atgcac

```

<210> 8926

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (346)...(773)

<223> similar to gi4589622 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8926
gagcgcggac ggcggcgggg gcgcgcgaga agctctagga cccagcagcg gttgtcgggt      60
ttggggctgg aggtgaagcc ctgtgtgaat ggggttgatt gtccggcgcc acttccccgc      120
gctgccccgc agccgtcttc cccagccgag ggactgaact agccatgac gcctcatgtg      180
gagggcaaag ttgcgccggg gaacttgtga gcctgcggtg aaaggggtccc cttctgcttg      240
ttatagcccc agtagtcctg tccaggttct agaagactcc acctactttt cccagactt      300
tcagctctat tctgggaggg atgaaacatc tgctttgacg gtggaggcaa ccagtagcat      360
cagggaaaaa gttgttgaag atcctctttg taacttcac tccccaaaact tcctgaggat      420
ctcagaggtg gaaatgagag gttccgagga tgccgcagct ggaacagtat tgcagcggct      480
gatccaggaa caactgcggg atggcacccc aaccgagaac atgaacttgc tggccattca      540
gcaccaggcc acagggagtg caggaccagc ccactctaca aacaactttt cttccacgga      600
aaacctcact caagaagacc cacaatggg ctaccagtca gcacgccaag aaccgcaggg      660
tcaagaacac caggtggaca atacggtgat ggagaaacag gtccggtcca cgcagcctca      720
gcagaacaac gaggaactgc ccacttacga ggaggccaaa gcacagtcgc a          771

```

<210> 8927  
 <211> 1258  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1259)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (169)...(1258)  
 <223> similar to gi405192 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8927

atTTTgcggg	aagaggaggc	gctgtacctg	cagtgtctgt	tttcttgctt	agactctagg	60
aactatccga	gctccactcc	ccacaacata	ctcaaaggaa	cggagagaac	cgggaccccc	120
cctgcgggga	cccggaaactg	atctgacagg	atggcatctg	atgactttga	catagtgtat	180
gaggccatgc	tggaaagtcc	ctataaaaaa	gaagaggatg	agcaacaaag	gaaagaagtt	240
aaaaaggatt	atcctagcaa	taccaccagc	agcaccagca	acagtggcaa	tgagaccagt	300
ggaagcagca	ccatcgggga	gacaagcaat	cgtagtcgag	atcgggatcg	gtatagacgg	360
agaaatagtc	ggagccgaag	tccaggtcgg	cagtgtctgc	accgtagccg	tagctgggat	420
cgtcgacatg	gtagtgtgag	gcgaagtcgg	gaccatcgtc	gtgaggatcg	tgtgcattac	480
aggagtcctc	cacttgccac	tggggagcca	gttgataatc	tgagtcctga	ggagcgtgat	540
gcccgcacag	ttttctgtat	gcagtttagct	gcccgaattc	ggcctcgaga	tctggaggac	600
tttttctctg	ctgtaggcaa	ggttcgctgat	gtacgtatca	tctcagatcg	gaactcacgt	660
cgttctaagg	gcattgccta	cgtggaattc	tgtgaaatcc	agtctgtgcc	actggccatt	720
gggctgactg	ggcagcgggt	gctgggagtg	cctatcattg	tacaggcttc	acaggcagag	780
aaaaaccgac	tggcagccat	ggccaacaac	ctgcaaaagg	gcaatggtgg	accaatgcgc	840
ctctatgtgg	gttccctgca	cttcaatatc	actgaagaca	tgctccgggg	catctttgag	900
ccctttggta	aagtgtagtag	aagtgtagaga	aacctctgaa	gggaattgga	agaagtgggg	960
agggtgagtg	tttgagtgtg	cttctctgtt	gtgcctggcc	gtgattaact	tgctgcatac	1020
gtcatagtgg	gcatatgagt	ctatgctgtg	aaagtttggc	tccatctctg	ttcatgtgct	1080
tgggtggacaa	ataagttaga	cacaaatcaa	ataataggcc	agggttaagaa	agattaaaaa	1140
atacaaaaaat	tagccaatgt	ggtggtgcac	gcctatagtc	ccaactagtc	gagaggctga	1200
ggtgggaggg	tcacttganc	ctgggaggtc	aaggctgtag	tgagcctcgg	aaaaaaaa	1258

<210> 8928  
 <211> 596  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (314)...(585)  
 <223> similar to gi2104910 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8928
tttcgtggaa aagagctggc tggaagacac atactctctg aagatcaagg gggaggccgt      60
ccgcgtacta catagcagtc acgtgaggct gggacaattc ctgtttacag agaactataa      120
aagccctgcc ccctcctcac ttggggctga tgccattcta ggccctcagtc tgtctgcac      180
caggtgctta ttaaaacagc gtgttgctcc acaccgcctc gtgttgctctg ttggcgcgct      240
ctccgggttc caaccaatgc aagagccttg gggctggccc tgaaacctgc gaggggcttc      300
cgtccacgtc cccagtggac ctaccacccc tccatctggg aaagcaggcc acagcagccg      360
gacaaaggaa gtcctcagc ctctagtcgc ctctctgtgc atgcacatcg gtcactgac      420
tcgcctactg gcacagacgt gtttatcggc caaactgacc ctcacaaaaa gctaccaccg      480
aagtggacag gcccctacac tgtgatactc agcacaccaa ctgcagtgag agtccgagga      540
ctccccaact ggatccatcg caccagggtc aagctcaccc ccaaggcagc ttcttc      596

```

<210> 8929

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (109)...(390)

<223> similar to gi804810 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8929
tttcgtaaat aaacaaataa accccacatc cattcctggt aagggaacac attcttacgc      60
atccagggat aaaagaagat ttattttatg acagaatact ataagaaacc agtagtaaatt      120
atcatatatg atgtatcatt tattgataag aaaccaatag caaacataat acataacggc      180
ataaccttac cagtgtcctc attaaagtaa aaaaaacgag acaaagatgt ccactgtcat      240
ctccactatt caaccttggt ctggagtttt cagccaatac agtagaagac caggaaaaag      300
aaaaaagaag tacacatatt ggaaaagaag agttaaagtt ggcattaata acagatgatc      360
tgattgtcta cctataaaat tcaagataat tcatgataac taatactaga gttcaga      417

```

<210> 8930

<211> 635

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (146)...(626)

<223> similar to gi3702111 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8930
gctgaagaga cctggagccg acagacgggt ctgggtctgc cgcccaggat ggagtacaat      60
ggtgtgatct tggctctttg caacctctgc ctccctgggt caagccttcc tcccacctga      120
acctcccaag tagcgggact gcaggggtgaa ggccatgccg cctcctggga aagttccccg      180
aaaggagaat ctgtggctac agtgtgagtg ggggtcctgc tcctttgtgt gctcaaccat      240
ggaaaagttc tttgagcatg tactcagca cctgcagcag cacctgcatg gctctgggga      300
ggaggaggaa gaggaagagg aggatgacct acttgaggaa gaattctcct gcttgtggca      360
ggaatgtggc ttttgttctc tggacagttc tgctgacctc atccgccatg tctacttcca      420
ctgctaccac accaagctga aacagtgggg gctgcaggcc ttgcaaagcc aggctgacct      480
tggcccctgc atcctggact tccagagccg gaacgtcatc cctgatatcc ctgaccactt      540
cctgttgtct gtgggagcac tgttagaatt ccttcgacaa tcctgagtgg ttttatcggc      600
atgtggaagc acacagtctg tttctgtgaa tacga                                     635

```

<210> 8931

<211> 461

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (15)...(461)

<223> similar to gi5726236 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8931
ttgcctcttt cactatgggc aaacttccac cctccattcc tccttcttct cccttagcct      60
atgttctcaa gaacttaaaa cctcttcaac tctcacctga cctaaaatct aagcatctta      120
ttttcttctg caactcctct tggccccaat acaaactaac aatggttcta aatggccaga      180
aaatggcact tttcatttct ccgtcctaca agacatagat aatttttgtt gaaaaatggg      240
caaatggtct gaggtgtctt acgtccaggc atttttcaca cttcgttccc tccatagtct      300
ctgttcccaa tgcgactcgt cccaaatcct ccttctttcc ctcacacctg tcccttcagt      360
cccaaccacg agcgtcgtg agtcttgtga ataatcctat tctgctgaac catctgacct      420
ctcaccttct tccagactg ctccacgaaa tcgtcgacct g                                     461

```

<210> 8932

<211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (658)...(1039)

<223> similar to gi200543 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8932
tttggggggg cagtatcatt ttaactaggg aggagaggggaggcttccct taagaggtga      60
tatttcaact caaggatggt aaagaggggaa gccacaaaga cactcgaaat aaaggtttca    120
gggaaggggac agacagcagg ggtggcgggag aggtgggtgct ggggcaggag ggccatgaag    180
gcgctcgtgt ctctgcgag ggctcagggg gctcggcctg tcataaatgg acttaggctt      240
tgacagagca gtttagctgc cctaaagaaa cctgggaagg ttcccttggc acttgggatt      300
gtccgtttcc ttttctgtct atgtgcgctg tctatgctgg acttgagata attctccgga      360
gtccgactca ccaggagact cgggtgtcac ccagattgac cttcaaggct ctttcttgt      420
cagtcagta cccgtccct cgggtcacac gaccatccag aaacctcaaa ttcagtccat      480
gcttcttgtt ttgggtctcg gggctgggat aaggcggggc tgaccaccgc ggggcatgta      540
ggtagtttcc gtggtgctgg gggcgctctc cagggaagac tacttggtct gcagaaaagg      600
ccttgacttg tgcatactg ggcagcgggc ctatgagtgg cagcgagagc ggggtaacca      660
gagagggcac acccccaac cggagcgccc ccaggttggt catctccaca actgtagaac      720
ctccccatc agggcaaccc tcccgattgg gacaccgccc ccagccagac acatcctcct      780
agcagaacac ccatgcttag ccggagccgc tccccgcca gacacctccc caccgggaaa      840
ccctccccag tgggacaccc cagccagtc aggtattccc gccgttaggg acaccctc      900
cagccggagc ataccctcg caggggcatt cctctcaacc gagggaacac cgccgcaacg      960
ggaacctgcc tgaaccagag caccataacg cgccggggac accccacagg cggctcccgc    1020
gcacgaagtg gtcgatccg                                     1039

```

<210> 8933

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(826)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (578)...(807)

<223> similar to gil247388 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8933
ggtgctgcct gggctgggct ccagctcaca ccctccctaa aaggaaatgg gagaaaggac      60
cggccaaaca agaggggtaa ggtagagaa gggggacaca aatgtcttca ggcttaggtc     120
cctgggggct cccagtccct ccctgttcc tctactcaca tccagctcc tcccagtttc     180
ttttcggacc tctctctctc ccttctcttc tntattccag gctgggttgg gctctaagca     240
aggggagggg ttagagcctc ctctctctct gcccctcccc atgggtctct aggggggctgg     300
tgagggcagc agcagaggca ctctgggcag ctgggtgagg gccatctgg gcaaggcccc     360
cagcgctgct cttctctccc ggggccctgt gggcaagcct cctgcttcac tttcagggtt     420

```

ctcgaagtgc	cttcttgctc	ctgtctgttt	ccccatcctg	ccagatttct	gtttctcttg	480
ctgggctttt	ggcagtaggg	ggctgtgttg	gtgggcccta	cgaagatgct	cagtgtcga	540
gatcgccggg	accggcaccc	tgaggagggg	gtagtgtgag	agctccaggg	cttcgcggtg	600
gacaaggcct	tcctcacctc	ccacaagggc	atcctgctgg	aaaccgagct	ggtaacagct	660
gcctcccaac	ctggtgcctc	catctccctg	acccccggct	cctggccagc	cttatgccag	720
ccccagctc	acccttcagt	agcctccttc	cccaagccct	ctggacacct	ctcctgcccc	780
cagctgcccc	ttcttcgtct	cctactctgc	cttcttgctg	cctca		825

<210> 8934

<211> 1131

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (826)...(1133)

<223> similar to gi2429362 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8934						
gagtggtaaa	attcacagaa	gttccagggt	catcatgtca	ggatcattcc	ttgtgcaaag	60
tttgatgtag	atgaagataa	agtggtttct	tggtcaataa	ttgcaattgc	tttcttttaa	120
agtcagtggg	tttcttgat	agttctatta	caattggccc	aagtttaatt	tcattccatct	180
ccatgaaagc	aaaacacttg	gtgctggtaa	accttttttt	aggcttgtag	tgtttgaatt	240
caaagaagat	agctgcacct	ttggttaatt	tttcaacatg	cttctggagc	tcaatgtcca	300
cattaaaatg	aacatatgta	tcttcttttc	ttgaagccac	aggagtatct	tgcacaggag	360
ttaagtctat	gccattcaga	tcctttacac	taactgtaat	atagggattg	atgcactgcc	420
cagcatcttt	caaaccaatt	ttctcaattc	tgatagttag	taatgtcatt	cctgggtccg	480
atggcaacct	tggtataaaa	gtaccgggaa	ctctagcagg	aaaagaatca	ggagacctcg	540
ctccagcacc	accctcttct	tcatcttctt	caaattccaa	attctcttct	tcaccagggtg	600
ccaaaattct	tcttaattggg	acaggctgaa	catcaaattg	gaattcttta	ttatatgtaa	660
gaatattctt	taggattggg	tctagcttct	tcaggtcctc	cagtttaaat	tcttcttgag	720
actgtgtgga	ctgtaaagct	gcacttcgca	attccaagca	tggtgcaatt	ttgcctatgg	780
tttcttttg	ttcttctgtg	aattcagaat	tattgtgttg	agcttggggc	tccttttgta	840
gatgtcttgc	taatatctga	tactcgtcta	tcgcctccac	cagctggccc	caagagtcga	900
agtcggcgcc	tctcctaaaa	ctggcgcccc	agcgctgcag	cagactccgg	gtcacctccg	960
acatggccgg	tcctccaccc	gtccctccc	gcccctaccc	cagcaaggcc	gggttctagg	1020
gcgccatcct	cccccgccct	ggccccgaca	ttaacagggc	caggaggaac	cgctacggcc	1080
accaccgcca	cccgccgagg	agccgcccac	gcccatttgc	cgcccatgta	t	1131

<210> 8935

<211> 716

<212> DNA

<213> Homo sapiens

<220>

```

<221> misc_feature
<222> (407)...(709)
<223> similar to gi1330342 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8935
agagatctca ggccgcagct ttgcttttct catgctcttc ctggctgggg cgtctgggtc      60
actcactgga ctctcctctc cttagacctg tgcacaagca cacacgggaa ggcacctcta      120
caggtggtgg gaagagaagg cagctgcctc actgcggaaa gagcacggcc gctcctggac      180
tccagccctg ttggggctgg cggggctcagc aggcgctggg ttccagcctc aggtggggtc      240
tttgagggtg gcctctgggc acaggcacct cctctgcggc cttctcacca ggtcacgggt      300
cagggaggct ttgccggcta cggagcctgc ccacaccaag gcgcgcacga ccacctgtcc      360
agagatgcca cgcgggctgg gcggcgaagg ccaaggacac gccctgcctg gtgtcggggg      420
caaaggttag gcctggaagg gaggtgtggg gtggggaccc cgaggccagg gctggggccg      480
tgagcttcag ggcccttggg gggctcaggg aggaatgccg gaggacccca gcatcaggag      540
gaacccttgg agagctacgg caggactcac ctgtggggca cagggaggga tcaccaggga      600
aatggccctt gtggaggatc tcccctctac ccccagggca ccaggggagg atctactagg      660
gggttctggt ggaaggggccc acccggaag cggcgcgcgg ggaggactcg acgaaa          716

```

```

<210> 8936
<211> 876
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (443)...(840)
<223> similar to gi5824892 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8936
attcccgggt cgacgatttc gtcagtgtg tactgctgag gtcaggtttg gggccgttgt      60
gtgccgtggc gcgcgcaggt aagcgtcagt cccctcgaag cccggttgcc gtggaagccg      120
cgtggggcgc cttcctcagc tcttcagttg agggtaaccg gggatcaagg gctcgggggc      180
tcaattccac cttgaaggta ccctgggctg gaaacgggtc cggtaaaaac gcaatagggc      240
tgcgtagtcg tgggcaagtg ggtgctgtct ctgcgccccg tgggcgtgct aagcacagta      300
gcccgcggtc tgcggtgggg cgaggttaag ggttcacgaa gctgttttga aaacgctcag      360
gcggcttgcg ctctgtaatg gtcagattta tcatggggtc tgtttaattt gtgtttttcg      420
cagccattcc ttttatttgg agagggaaat acttcagctc cgggaatgag cctgcagaaa      480
accgggtgac gccgatgctg cggcatctta tgtacaaaat aaagtctact ggtcccatca      540
ctgtggccga gtacatgaag gaggtgttga ctaatccagc caagggttat tatgtgtacc      600
gtgacatgct aggcgaagaa ggagatttca ttacttcacc tgaaataagt caaatctttg      660
gggagctact aggtatatgg ttcattagtg aatggatggc cactggaata agcacagctt      720
tccagctggt ggaactgggc ccaggtaggg gaaccctcgt gggagatatt ttgagggtgt      780
tcaattgaat tggatctgag ctgattaaac gggacatttc tggacatttg tctgaagtag      840
ttcatatcaa tagtgagag tcatacattt actctg          876

```

```

<210> 8937
<211> 1091
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (168)...(966)
<223> similar to gill181628 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8937
tttcgtggga gagtaggcgg agcagggcgg tgcggtgtgg cgtagagctg gagggcgatg      60
gtggcggagc tgctgggggc ggaggcaacg tagccccctc ggaaaaggag cccggcggcg      120
cctgagccca gccgaggatg gagaaccggc ctgggtcctt ccagtacgtc cctgtgcagc      180
tgcaaggggg ggcaccctgg ggcttcaccc ttaagggggg tctggaacac tgtgagccgc      240
tcacagtgtc taagattgaa gatggaggca aggcagcttt gtcccagaag atgaggactg      300
gtgatgagct ggtgaatatc aatggcactc cattatatgg ctcccgccaa gaggccctca      360
ttctcatcaa aggtcctctc cggattctca agctgattgt caggaggagg aacgcccctg      420
tcagtaggcc gcactcatgg catgtggcca agctgctgga gggatgccct gaagcagcca      480
ccaccatgca ttccctctct gaagccttca gcttgtcctg gcattctggc tgcaacacaa      540
gtgacgtgtg tgtgcagtgg tgtccactct cccggcattg cagcaccgag aaaagcagct      600
ccattggcag catggagagc ctggagcaac catgccaaagc cacctatgag agccatctgt      660
tgccatttga ccagaacatg taccctaacc agcgtgactc agcctacagc tccttctcgg      720
acagctcaaa tgcttctgac tgtgcccttt ccctcaggcc agaggagcca gcctctacag      780
actgcatcat gcaaggccca gggccaacta agggccccag tggccggcct aatgtggctg      840
agacctcacg aggtagtctg tgcaccaatg ggggccacct gacccccagc tctcagatgt      900
catcccgctc acaggaggga taccagtcaa ggccccgccc aagcagtcag gggcccacca      960
caaccttcca tgatgcggtt acagccttca agcctccaga acccaacttc tcaatggaga     1020
gcagcgcacg gcaatctgaa cctgtggtcc ccttgcccag aaggagaaac tgagcttaaa     1080
gcctgggctt c                                     1091

```

```

<210> 8938
<211> 1191
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(837)
<223> similar to gil293145 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 8938
tttcgtgtga ctccgtgggc ctggcgtgga ggcgggggcg ctaggctgca gctggctcgg 60
aatcggggct ggtttcctgt ctggaaggga aggggcctgc agaaggagc ggggacagca 120
gcagacaggc acaccctgc ctctctctc cctctcctc ccttctctgg aaaagcgagg 180
acacggagtt gcagaggaag ctagaccatg agatccggat gagggaaggg gcctgtaagc 240
tgctggcagc ctgctcccag cgagagcagg ctctggaggc caccaagagc ctgctagtgt 300
gcaacagccg catcctcagc tacatgggcg agctgcagcg gcgcaaggag gcgcagggtgc 360
tggggaagac aagccggcgg ccttctgaca gtggcccgcc cgctgagcgc tccccctgcc 420
gcggccgggt ctgcatctct gacctccgga ttccactcat gtggaaggac acagaatatt 480
tcaagaacaa aggtgacttg caccgctggg ctgtgttctt gctgctgcag ctgggggaac 540
acatcccagg acacagagat gatcctagt gacaaggacc ctcacagaca tctccttttc 600
agagcaaatt tgctcttcgc tgaggcgggg gccagacttt tgaacttgcg gtttagagct 660
gtatggggcc tgtgtggaag aagagggggc cctgactggc ggccccaaga ggcttgccac 720
caaacttcag cagctccctg ggccgctcct cagggaggcg tgtccgggca tcgctggaca 780
gtgctggggg ttcaggaggc agtcccctct tgctcccac ccagttgtt gggtaaggcc 840
ttgcacaccg acaccaccct cagctgcctg tattctgccc acaggtgacc tttgaactgt 900
gttgagtgtg cagaacccat tttgcattgc tgccaggatg tgcagacaga tatgaatgag 960
cagtggccac gtagctggga ggcattccag cccacgcccc agagctgggc tgaagccagt 1020
ccagaagacc agtggggaagg cagggagact taggccttgg ggtcttacct ttttagcagc 1080
agcaaataca ttttattttt agagacaggg tctcactatg ttgccagga gttcgagacc 1140
tgcctgggca atatagcgag acccgttctt ccagaaaaag gaaaaaaaaa a 1191

```

<210> 8939

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (86)...(762)

<223> similar to gi4321407 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8939
tttcgtggcg ggagccaaca tagagccctc agtgggatga gggtgaaact gctattgccg 60
gcggctcctg ttttaccgcg tcagcatgct ggtgcattta tttcgggtcg ggattcgggg 120
tgcccattc ccaggcaggc tgctaccgcc cctccgcttc cagacattct cagctgtcag 180
gtaaaaacgg aaaaacctac tcagcgcggg ccattgaccg cccggcaggg cagtgccggc 240
ccgcccggag atggagtcca cgagcttgcg cgaggcttgc tgggagctgt aggccaggcc 300
taccggggtg gaatgtcact ccgcggtgtg tggcctcaat tatttatagt gacactccag 360
tcgccagcag gaggctcctg cgtctgcagc cgcgtgtcag ccagaaggag gggacgctcg 420
gggtcagtga ccacgcccag tccgcactcc cgaccggggg tcccccttcc tggccctgga 480
ggtgattgag cgatttgagc gaaaattctt attagtatga agagacattt aatgtagtgg 540
tgcttccagg attcaaagt agtcgaagaa gaactagaga tgttcagcag ggataaagag 600
ccaatctaag aggcggggcg cgggtggtcg ctctgtaat cccagcactt tggaaggcca 660
ggagttcgag accagcctgg ccaacatggc aaaacctcgt ctctactaaa aaatacaaaa 720
atttgccgtg attggtggca cgcgcctgta attacaacta ct 762

```

```

<210> 8940
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (95)...(659)
<223> similar to gi3600028 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8940
tcccgggtcg acgatttcgt cgggtgcgacc cggagctcca gcgcccagagt ctccacttcg      60
tttgctgaaa cttgctttct accagctaag aaccatgctg cgagtgattg tggaatctgc      120
cagcaatatc cctaaaacga aatttggcaa gccggatcct attgtttctg tcatttttaa      180
ggatgagaaa aagaaaacaa agaaagttga taatgaattg aaccctgtct ggaatgagat      240
tttgagagttt gacttgaggg gtataccact ggacttttca tcttcccttg ggattattgt      300
gaaagatttt gagacaattg gacaaaataa attaattggc acggcgactg tagccctgaa      360
ggacctgact ggtgaccaga gcagatccct gccgtacaag ctgatctccc tgctaaatga      420
aaaagggcaa aatgacctga ccaccattga cttggtgatc ggctatgatc cgccttctgc      480
tccacatcca aatgacctga gcgggcccag cgtgccaggc atgggaggta agctgaccct      540
tctgaaggcc cagccacccc cagggggagg ctgctaaaga cacacaggag agtgtctgga      600
gaaacctgac cattgatcac aagcctgtag ctccctgccc acccagacag gggccccgcg      660
aggcaggtgg ggctgcctga attgagacat tgcaattgtt tatg                          704

```

```

<210> 8941
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (493)...(759)
<223> similar to gi1247388 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8941
tgaaattccg ggtagacgat cttcgattca gcctctgctc cactacttta ttacatctc      60
cttttctttc catttcatca acggaagcag ctaacagagc agattaggtt atttctttgc      120
tggcggcgaga aagtaaaaca tcacactgtc ctttctcacg agcctaaagc tcatccccga      180
cgccctaadc attacccttt ttaatggact taaagcttgc aaggctatct acattttctg      240
agaattcatg aactggcata aaatggtttg aagggtacaaa ctcttccttg ggacgagtat      300
aatctggtgt atcgaaatca acaaacccta caccagaagg gctaacttct gaaaaccac      360
caaattcccc aaattcatca tcatcatcat cctctgctcc attgtctaatt ggtggtgggg      420
atgaagagta cattcgaatg atgtctggct ccattgttca gttgctttca aataattaat      480

```

ttacacctgg	ctccttcggg	gcggctgcga	tgggcatggc	tcagggggccc	ggggaggaac	540
tgactccccg	gggaaggacc	gtctattccg	acgcggaact	ggtgagagcg	gaaggccggc	600
tgctcacagc	cctgtcagcg	cagcagcacc	atggacgccc	acccggagtt	tcaccgctgc	660
cgcgggaccc	ccatccccact	accctccgcc	ctcttcgcgc	gccgccgcgc	cctcctccac	720
ctctccgcgc	gagacccccca	cgaaatcgtc	gacccggga			759

<210> 8942  
 <211> 2602  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (921)...(43)  
 <223> similar to gi3873550 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8942						
gcgtcgacga	tttctgtctg	aaagggcaga	gcaagtccac	tgtgggcact	gtgttttagtc	60
ttgagtcaga	ggaggaggaa	taccctggaa	tcactgcaga	agatagcaat	gacatttaca	120
tcttgcccag	cgacaactct	ggacaagtca	gtcccccaga	gtctccaact	gtgaccactt	180
cctggcagtc	tgagagctta	cctgtgtcac	tgtcagctag	ccagagttgg	cacacagaaa	240
gcctgccagt	gtcactaggc	cctgagtcct	ggcagcagat	tgcaatggat	cctgaagaag	300
tgaaaagctt	agacagcaac	ggagctggag	agaagagtga	gaacaactcc	tctaattctg	360
acattgtgca	cgtggagaaa	gaagaggtgc	ccgagggcat	ggaagaggct	gctgtggctt	420
ctgtggtctt	gccagcgcg	gagctgcaag	aggcacttcc	tgaagcccca	gctcccttgc	480
ttccacatat	cactgccacc	tccctgctgg	ggacaaggga	acctgacaca	gaagtgatca	540
cagttgagaa	atccagccct	gctacatctc	tgtttgtaga	acttgatgaa	gaagaggtga	600
aagcagcaac	aactgaacct	actgaagtgg	aggaggtgg	ccccgcaactg	gaaccacacag	660
aaacgctgct	gagtgagaag	gagataaacg	caaggggaaga	gagccttgctg	gaagagctgt	720
cccctgccag	cgagaagaag	cccgtgccgc	cgtctgaggg	caagtctaga	ctgtcccccg	780
ccggtgagat	gaagcccatg	ccgctgtctg	agggcaagtc	tatactgctg	tttgaggggg	840
ctgctgctgt	tgccatcctg	gcagtggcca	tcggggtagc	cctggctctg	agaaagaaat	900
aggaggcttt	tcagaagaga	aagacagaag	gatgtaaggt	tggagtgtga	ttggctggaa	960
tttgaacctc	cagcagctgt	ctggacattt	gtggaacact	ctgggataat	tggggacttc	1020
tgctcaacat	ggcagtggca	tgtaggcat	gttagggctt	gaggtggggc	attcacattc	1080
atctgactgt	aaatcccaag	ggcctccgct	catgctaaat	tgagaatctt	aggggtaaaag	1140
cacccctctc	aggaccgggt	ttctcagcct	tggcactagt	gctgttctga	ccattctctg	1200
tggtggggct	gtcctgtgtg	tggtgggctc	caccacttag	atgccagtgg	cacccctctc	1260
cagagatgac	aaacgaaaat	gtctctagac	attgccaaat	gtcccgctgtg	aacatcccct	1320
attgagaccc	actgctttag	cgagagaggg	tttacttagg	aagaattggg	atagaaattc	1380
ccagctgaga	gaacttagct	gtgggctcct	cagctactga	cttcttagct	cttaatcccc	1440
ttagaatttc	atctttctcg	atgagcaggc	tctgcaccca	ctcttttttt	gcccccgcc	1500
ctcactctgg	agtgtgaggg	tgctcgcccg	tactctcagc	tgccctctcag	ggactgcact	1560
gttctctctc	acccccaggt	tcctgctaag	atcccacggg	cgagggcttg	ctctggactc	1620
agtctgtcaa	gtccccgaag	cttctctcag	ctccaccttg	taaaaatgct	gcctttggga	1680
atcttcgaaa	tatgtacaca	gagaaaatca	catgaaggag	acctgggggtc	cccacttgtg	1740
agtgaactg	caagtaactc	tggctagaga	gacacatgtg	tcttgtgtca	aggcaggagg	1800
ataacccgga	tgaccttctg	aggtctcttc	agcccttttc	gctagtgggtc	accaccacc	1860
atggttactt	gccagcaaca	tctctattgc	tggatgggtc	ctgtctataa	ccttgggcta	1920

gtatatTTTT	tccaatatgg	gaccttagtc	ttactactga	tgagttctat	gggtctcttg	1980
ctagggggta	aggatTTTT	ttcttgggct	tatagagcca	gtagatcat	aattcttatg	2040
aaatagagag	tgtcctaaat	atcactgaaa	taaaaagtag	gaaaaagaag	cttgaatTTT	2100
aagactgagg	ctgctctgca	gattctagtt	tggctttcag	agttcaagag	tgggtggcatc	2160
ttcacctgaa	ttcttcaatg	ccagggtaat	aaaccaaaat	agtcctaatac	agtatatgct	2220
agttgagcat	cggcataatt	ttctttcctc	tggctgatcc	cagccctaaa	ggaagggtag	2280
acccgtgtct	ttccagccct	aaaggaaggg	tagaccctg	tctttccagc	cctaaaggaa	2340
gggcagaccc	gtgtctttcc	atgcccaggg	gccacgacgt	cactatgcag	ggcacacgtg	2400
gcttggttta	aaaagggtcat	cttagattta	tcttagtaaa	tgtaataaat	tatttttttag	2460
atcttgaaat	ttataataaaa	aatactttac	ctaccctgat	cacaaaaacc	tgatgtttta	2520
aatgtgcttt	ctttttgaaa	tttatgtttt	ccaaataaaa	tctccctaaa	gcaatatTTT	2580
aaaaattggg	tccaaaaaaa	aa				2602

```

<210> 8943
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (141)...(740)
<223> similar to gi537433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8943						
ctgccgtctt	ctcctctcag	agatgggatgc	cacaggttcc	gggcttcttg	ggctctggga	60
ggacgcgcag	cgaagggcga	ggtcgctata	tgaggccgct	ccaaagtcgc	ctcgcgctgt	120
tgttgcgtca	ctgcctccag	cctccagcat	ccaggagag	tgcaggcaaa	aaggcagccc	180
ggaggggtggg	accccagggg	acaggacccc	cagaaggtga	cagagatcct	ggcagtggggg	240
gacctggggc	agaaggtgac	cccacctct	tcccgggctg	ccgctcaagg	ctcctgccgc	300
tcccgggctc	cagcgccctc	tcaccgggtc	ctgatcaggg	ctccctttct	caccccgggt	360
caggcagaag	gccccggacc	ccagtcccaa	agaaaacgga	ggctgcaggg	cttccacgca	420
ggagagaagg	ggagggtcc	tctccgaccc	gggtccttc	agcgcccacc	ccagcggact	480
ctgagagggc	gaggaggagg	tcgggggcta	ggttcaagcc	gactggggcc	ccggattcaa	540
gaaagaaacg	ggctcctgag	acgcctgtgc	atcagagggg	tcctggctcg	gcctgggatg	600
gggctcgggg	agagtcagac	gatctgccag	gctcccagcc	tgaggccgcc	ctccccggcg	660
cgcaaccccc	gccccaccg	ctggggccct	catgccttcc	ccggcacgtc	gctccccggg	720
aggccgagac	tctgccacg	aaa				743

```

<210> 8944
<211> 700
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (212)...(657)

<223> similar to gi347455 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8944

ggggtaccca	cttcgcagga	ggaccacat	tcctagccaa	atgtgggaag	tcactacttg	60
aaatgcctta	ggtgcctggg	tagcgtgcct	tcactagacc	aaactctagg	gatatcccac	120
gcagcactct	gcagagctca	ctataggtgc	attctttcta	tccatgaatt	tctcctcttc	180
agccccctcta	cgttggtgct	tcacgcatat	gccatctac	gcgacccttt	cgcgtccacg	240
tccttctaca	atggctcccc	cacctctatg	gtccgtagt	tagtttctct	ccgccacctc	300
acctctatga	ccctctatac	agttcctcac	tgacacagtt	tctttgcac	atcttctcac	360
ctctactgct	cctccacagc	atctcctcgt	cgtcctcatt	tctatagtca	tctgcactct	420
ttttgtagtc	cctttgccct	aggccccgac	tagagaccct	cttcgccttc	tccttcccc	480
cactgggacc	tcaacacggc	gagagcacc	agcacgactc	ccgccaatcc	cccggcccaa	540
aggaatgcca	gtctctatcc	tcccccggtg	cttcactccg	ctctactact	ccgagctccg	600
ccgcgcgggc	ccccagcccc	aggttaccac	ttttctctct	cccacttcgc	cggcaacgtg	660
agtcacgaaa	tcgtcgaccc	gggaattcgg	gggcggtaca			700

<210> 8945

<211> 901

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (66)...(694)

<223> similar to gi3212996 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8945

tttcgtcgga	ggccgcggct	cgtccccag	cggatgagct	gccgcggacg	gggcgcgggc	60
ggacgatgga	actccacatc	ctggagcacc	ggctgcaagt	tgccagcgtc	gccaaggaga	120
gtatcccgt	gttcacctac	gggcctgac	aaacttgcc	tctgttctc	caagaccagg	180
tgcaagttct	tcagtctgac	tgagacacca	gaggattaca	ctatcattgt	cgatgaggaa	240
ggattcctag	agctgcctc	ctcagagcac	ctgagtgtgg	cggatgccac	ctggctggcc	300
ctgaacgtgg	tgtccggcgg	tggcagcttc	tccagctccc	agcctattgg	catgaccaag	360
atgcccaagt	cagtcacgc	cccactggct	gaccagaaca	tatccgtgtt	catgctgtcc	420
acgtatcaga	cagacttcat	cctggtgctc	aagcgggacc	tgccctttgt	caccacacg	480
ttgtcatcag	agttcaccat	cctgtggtca	gtggctagac	tgtagcagcc	gagaacctcg	540
gcatcaccag	tggcttcgtg	aagcccaagc	tggctcagat	gccggtcatc	caccactgt	600
ccagcccag	caacaggttc	tgtgtcacca	gcctggaccc	cgacacgctg	cctgctgttg	660
ccacactcct	catggatgtc	atgtcctact	tcaatgggtg	aggatacaac	tagaagccag	720
cagtctacag	gctggaagaa	ggccctcacc	agaacccaac	ccttggactt	cagcctccag	780
aactgtgaga	aatacatacc	tgctgtttgt	cagacaccag	tctatggaat	tctgttacag	840
tagcctgaac	tcagacatag	cccttttcca	tttataaggt	ggttttacct	tatattttat	900
g						901

```

<210> 8946
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (134)...(486)
<223> similar to gi3406676 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8946
tttcgtgtgg gagtacgagg ctgacgcggc ggcctgtgcc ccgtaactgt gacacgggtg      60
cacgcgagcg tcattggggg cgatgggggc cgtgctgggt gcgcgtttgc gccagtgcg      120
cagccgctgc atctccgccg gtcgcgcag gccagcatcc ttcagaaaaa gcatccccga      180
ggaggaagac gaatcgtaa acatctgaaa gggtcaggcc agcatccttc agaaaaagca      240
tccccgagga ggaagacgaa tcgttaaaca tcttaggtca gctctagcct ctcggaatth      300
gtcttcttca gtggaaaccc cgagaagact gatcagttct tcagttctaa aacaatggcc      360
cagggtttgg tgacgttcgc cgacgtagcc atagactttt ctcaggagga gtgggcctgt      420
ctgaactctg ctcagaggga cctgtactgg gacgtgatgc tggagaacta cagtaacttg      480
gtctcactgg gtgagttgca cgcctcagat aacttagact gcctcctgga atatccgctc      540
tccctctgta atttcaggac cgcctttcaa gaaactagtt gaatttcttc ttctgtccc      600
caaggaatgt attgagcctt attgatgtgg gccgtgagca ccacaacctt cccctcccat      660
ccatcggtta ccttcccacc tttgtcgact ccccgtaat catctcactt ccttaatgtc      720
cgtggaatga gtgggaattc tgggaa                                     746

```

```

<210> 8947
<211> 878
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (421)...(745)
<223> similar to gi159714 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8947
ctgtgcagtg tgctggaatt ccccggtcgc agcgatcacc acctgcacag taattcagtg      60
cagcccatgc agctttccag cgttatccat caccacctgc gcagtaattc agtgcaggcc      120
tgcgagctt cccagcgggg tccatcacca cctgcacagt aattcagtg agcccgcgca      180
gcttcccagt ggggaccatc accacgtgcg caataattca gcgtagcacg tgcagcttcc      240
cagcgggatc catcaccaca tgggcagtaa ttcagtgcgg cccatgcagc ttctcagcgg      300

```

ggtccatcac	cacctgggca	gtaattcagt	gcggcccatg	cagcttctca	gcgggggtcca	360
tcaccacctg	cacagtaatt	cagtgcagcc	catgcagctt	cccagcgga	tccatcacca	420
cctgcgcagt	aattcagtg	aggcccgcg	agcttccag	cgggggtccat	caccacatgg	480
gcagtaattc	agtgcggccc	atgcagcttc	ccagcggggt	ccatcaccac	ctgcgcagta	540
attcagtgca	gcccgtgcag	cttcccagcg	gggtccatca	ccacatgggc	agtaattcag	600
tgcggcccat	gcagcttctc	agcgggggtcc	atcaccacct	gcacagtaat	tcagtgcagc	660
ccatgcagct	tcccagcggg	gtccatcacc	acatgtgcag	taattcagtg	caggccatgc	720
agcttctcag	cgggggtccat	caccacatgt	gcagtaattc	agtgcaggcc	atgcagcttc	780
tcagcgggggt	ccatcaccac	atgtgcatag	ctctgggtca	ctttaagat	cgcattacct	840
gagtgtctcag	tgttgctgta	aggaaatgtc	ctgctgaa			878

<210> 8948

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (919)...(667)

<223> similar to gil651678 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8948						
ggtacgtatg	ttaggatgct	ctagaccggg	cgccccggaa	cggttatggg	gtctcgatac	60
ccatttcctt	ctttcagtat	gaagagagg	agaatggaaa	gcggggagga	agcacgggtca	120
cgggaagttg	ttattttaaag	atggcagata	ttaccaatgg	gcgtttgtgg	acggagagat	180
cacgggagaa	ggccgcccggc	actgggcctg	gtcaggagac	accttctctg	gacagtttgt	240
tctgggagag	cctcaaggct	acggcgatcat	ggagtacaaa	gccggcggat	gttatgaagg	300
ggaggtctcc	cacggcatgc	gggaaggaca	cgggtttctg	gtggaccggg	atggacaagt	360
gtaccagggc	tccttccatg	acaacaagag	gcacggccct	gggcagatgc	tctttcagaa	420
cggtgacaag	tacgacggcg	actgggtccg	ggaccggcgt	cagggacacg	gggtgctgcg	480
ctgcgccgac	ggctccacct	acaagggaca	gtggcacagc	gacgtcttca	gtggactggg	540
cagcatggcc	cactgctcag	gggtcaccta	ttatgggttg	tggatcaatg	gccaccacagc	600
agaacaagct	acgaggatcg	tgatcttggg	tccggagggtg	atggaagtgg	cccaagggtc	660
tcccttctcg	gtgaacgttc	agctgctgca	ggaccacggg	gaaattgcca	agagtaagca	720
tctccagggg	gagatgacct	aacgtttcca	aaagagaaac	aggcagcagg	ttcttaagca	780
gtgaagatgc	ggacgagatg	ttgcatgtgg	ctcctgaggc	acagcagtga	cttcgtgccc	840
agagcctggc	agagaggctg	cagggtgtgcc	agcttccctg	ccagtcaggg	cagccttggg	900
tgtgtgtgca	agcatgtgtg	cacatc				926

<210> 8949

<211> 2454

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (416)...(2197)  
 <223> similar to gi5305335 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8949
ggcacgaggg cactctcagc agtaggcgca accgtgctca ccccgctgct aacagccttg      60
cttagtccgg gctccgaggg agcagcagcc ataagaaaaa acaggagagg aaggcgatgt      120
ggcgctttctg ccggggccctc agactgggga gtgtgaggaa acctgtagga agtgctcaggg      180
actctggaaa gaacataatg gcctcacctg tgaagagctg gctgaaaaag acgacatcaa      240
gtaccgtacc tctattgaag aaaaaatgac tgctgcccgc attagaaaat gccacaagtg      300
tgggactggc ctcacataat ctgaaggctg caaccgcatg tcttgccgct gtggtgcccc      360
gatgtgctac ctctgtcgag tttctattaa tggatatgac catttctgcc aacatccccg      420
ctcaccagga gccccttgcc aggagtgttc aagatgctct ctctggaccg atccccactga      480
agatgatgag aagcttattg aggaaatcca gaaggaggct gaagaggaaac agaaaagaaa      540
gaatggagag aacaccttca aacgcattgg acccccgcctg gagaagcctg tggagaagggt      600
gcagaggggtg gaggccctcc cgaggcccggt tccgcagaac ctgccacagc cacagatgcc      660
accctatgcc ttccgcgacc cacccttccc cctgcctccc gtgcggcctg tgttcaacaa      720
cttcccactc aacatggggc ctatcccagc cccgtacgtg cccctctgc ccaacgtgcg      780
ggtcaactat gacttcgggt ccatccacat gcccctggag cacaacctgc ccatgcactt      840
tggccccag ccgcggcatc gcttctgatg gcccgaatc cctccccaa ggctggtgtc tgtaccattg      900
ccgtttgggg taggagtgtg gatggagaac cctccccaa ggctggtgtc tgtaccattg      960
cactctaagt cagcttgaag ggtaggctgg ttttcttccc acccctttcc tagaagggtc      1020
actgtcctg gaagagtga cggatccata ataaagacgt cccaaatggt ggagtccgga      1080
gagagctgcg atgtgaactg gccctcccct cgcaccccc agggccaccaa cggcagtcct      1140
tctgccttgt ccatggcata ggccatagac caggteccgt ctgctcacac ctgggcctct      1200
cctcgagacc gaccctgggt tagcaaggca gccgagagca tctccctgga gggggccacg      1260
gttggggcaa gggcagaggg ggctgcacct gcgggcctgg gaagcattgc tcagggtggg      1320
gggctgggac catggcccgc agaggcactg ccacagctgt gaggggccaa atgctgtccc      1380
cccatccaaa acccgtgcgc cactgcagtg agtggtgagg gcacctctcc tcccccttta      1440
cacctactca gatgaggcag cagcagaccc atctcgcggc ggggggtttt ttctgttgcc      1500
gcctaacttt ctcatcctcg gtctctggaa agtcaggctg agaaatcctt tcccaggcca      1560
ggccgctgcg gtacactgga tggttctgaa gctggcccat tgaaagagcc tcttaaggca      1620
gctgggacag aggcctggtg gccctgctgg gcagcccaac tgctggggga gacgtttctg      1680
ccaccctggg tgatgagcag cttttccccc ctggctttct gggggaggag tgggcctcct      1740
tagggagaca ggtgaccctg ggtgccaccc ctgcccctg tgtgccccgg gtgttctcag      1800
tggttgctga aggcaggtag aggggtgctgt ccagtatccc ccatgtgaag gtcacttccc      1860
ttctcatgga gtcagctgag catcagctca gccctgccat gtccccactc accctcctcg      1920
cctcctgtcc ggccctgggt ttctagccgt gcctgaggca tcaactctggc ccattgacag      1980
atgagaggtc tgaagccttc ctggccacag gcatcacttt ctctctctcc tcatgccctg      2040
ccttgtcctt gtcgtgttgc catgggggtt tgagaggctg ggagttcaca gacctcagac      2100
acagctgagt ccgacaacca ttgggggttg ggctgcatca gtctccggag tggcccgcca      2160
cctcctgaag cagggcctgg cccacccaag gtgcctgggg gcaggcgggg caccgtcatt      2220
cggttgccat tggtttctca gatgtatttc aaggactaaa gtgggctcta agatctaaga      2280
tggcccgggc cgggtggctcc cgccttgtaa tccaagcac tttgggaggc cgaaggcggg      2340
cggaatgagt ttgaggctcg gaattttgag tccccgtct ctaactaaaa aatacaaaat      2400
ttagccggac aaagggtggg gcatgcctaa taaatcccag gtacttcaag gagg      2454

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<210> 8950  
 <211> 1182



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (30)...(1005)  
<223> similar to gi488555 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8950  
ggagggaaca tctttgaggg taattgttat ggaaaagaca tcctcagtg gcacaaggaa 60  
gcctctattg gacaggaact ttccaaatth aatccatgtg gaaaagtctt caccttaact 120  
ccagatcttg ctgcacatct tggaattctc aatgcaagac aaccatacaa atgtaaggaa 180  
tgtagaaaag gctttaagta ttttgcaagc cttgataatc acatgggaat ccacattgga 240  
gagaaattct gtgaatttca ggaatgtagg agagccatca ctcatctctc acacctaaag 300  
cagtgtgtaa cagttcatac tggaaagaaa tctaaaaaga ctaagaaaca tgggaaatcc 360  
ttcactaatt tttctcaact ttctgcacat gtgaaaattc ataaaggaga gaagtccttt 420  
gaatgtaaag aatgtggaag atcctttaga aattcctcat cctttaatgt tcacattcaa 480  
attcacactg gaataaaacc acacaaatat acggaatgtg ggaaagcctt cactagggtca 540  
actcacctta ctcaacatgt aagaactcac actggaataa aaccctatga atgtaaggaa 600  
tgtggccaag ccttcaactca gtacacgggc cttgctatac acatacgaaa tcacactgag 660  
agagaaaccc tatcagtgtg aggaatgtgg gaaagccttc aatagatctt caacgcttac 720  
tcaacataga agaattcaca caggagagaa gccttatgaa tgtgttgaat gtgggaagac 780  
cttcattact tcttcccatc gtagtaaaca tttgaaaact cacagtggag aaaggtaaata 840  
gcaagatag tgaggaaagaa tttctgtatt cctcacccca cctgtgaact cctaccagag 900  
agaaaccttt tgtatgtaaa gaatttgagg aagcatttgc tctttcctca tgcctaagta 960  
tgcattgaaag aattcacact ggggagaaat actatgaatg taaggatatg agtgttggtta 1020  
ccatttagcc cattgggtgc catctttaat tattggcagt gcaaagatca tcagattagt 1080  
cctaaatgcc ttttgagggt tgtaatggct cacagattgg ccttagatgc atcccgaggg 1140  
tctgaaatta aacctacagg ttctgaatac aaaaaaaaaa aa 1182

<210> 8951  
<211> 913  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (212)...(877)  
<223> similar to gi2407788 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8951  
cgaactcccg ggtcgacgat ttcgtgtccc ggatggcctc ggggactgcc agtgtgtgga 60  
ggtgagctcc gggattgccg gcattcccgc ttctgtggtg tgcttcatgc tgcaggctgc 120  
ggcgcgcagc cctcgctcgc attggtggcg ctgaggtgcc ggggcagcaa gtgacatgtc 180  
gtcgggcctc cgcgcgcgtg acttcccccg ctggaagcgc cacatctcgg agcaactgag 240

gcgccgggac	cggctgcaga	gacaggcggt	cgaggagatc	atcctgcagt	ataacaaatt	300
gctggaaaag	tcagatcttc	attcagtggt	ggcccagaaa	ctacaggctg	aaaagcatga	360
cgtaccaaac	aggcacgaga	taagtcccgg	acatgatggc	acatggaatg	acaatcagct	420
acaagaaatg	gcccaactga	ggattaagca	ccaagaggaa	ctgactgaat	tacacaagaa	480
acgtggggag	ttagctcaac	tggttgattg	acctgaataa	ccaaatgcag	cggaaggaca	540
gggagatgca	gatgaatgaa	gcaaaaattg	cagaatgttt	gcagactatc	tctgacctgg	600
agacggagtg	cctagacctg	cgactaagc	tttgtgacct	tgaaagagcc	aaccagaccc	660
tgaaggatga	atatgatgcc	ctgcagatca	cttttactgc	cttgaggagg	aaactgagga	720
aaactacgga	agagaaccag	gagctgggtc	ccagatggat	ggctgagaaa	gcccggaag	780
ccaatcggct	taatgccaga	gaatgaaaaa	gactccagga	ggcggcaagc	ccgctgcag	840
aaagagcttg	cagaagcagc	aaaggaacct	ctaccagtcg	aacaggatga	tgacattgag	900
gtcattgtgg	atg					913

<210> 8952

<211> 1314

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (676)...(79)

<223> similar to gi5732634 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8952	
tttttttttt	ttcgtctctt
ggtgctcagt	gctccaagga
gggaggcaga	ggaggaacat
tcatagcaca	tctccagtt
gggagaggag	gaagaaaaat
atgacgtgag	ctggtgatcc
aaccaaggga	agaatgcgga
actgggggca	gagggaggag
cccggccggc	gtgtcctcag
cacttcaggg	tggggggccg
acggaggccc	caaggggctg
gtgggcgggc	ttgctgggtg
tttccactgg	cccccgccg
gctcgaaaga	gagagagaga
gatgagcctg	cagaccatgc
tccctctgag	gcaaaaaata
aacgggggca	gggatggtgg
caagtccacg	gctcaaaaac
cccggccctc	ctcgtgggt
cgatgctgga	gttgtccggg
aggcggcctc	gccctcgaag
ggaagctatg	gagacaagag
tttttttttt	tttctctcaa
ggtgctcagt	gctccaagga
gggaggcaga	ggaggaacat
tcatagcaca	tctccagtt
gggagaggag	gaagaaaaat
atgacgtgag	ctggtgatcc
aaccaaggga	agaatgcgga
actgggggca	gagggaggag
cccggccggc	gtgtcctcag
cacttcaggg	tggggggccg
acggaggccc	caaggggctg
gtgggcgggc	ttgctgggtg
tttccactgg	cccccgccg
gctcgaaaga	gagagagaga
gatgagcctg	cagaccatgc
tccctctgag	gcaaaaaata
aacgggggca	gggatggtgg
caagtccacg	gctcaaaaac
cccggccctc	ctcgtgggt
cgatgctgga	gttgtccggg
aggcggcctc	gccctcgaag
ggaagctatg	gagacaagag
tttctctcaa	gcttccaaat
ggaggggaga	ggaggggaag
cagtccagct	gtttgcaaac
aggggagggc	aaaaagaaaa
caaagaaaag	agaaggcaac
gaaccgtttt	acctgtgctg
aaaaaaaaat	cagaagaaac
tacaacttga	gacgaggcgg
tctggtgctg	gtggtgctgg
gcagctcccc	caccccaaac
agcaggtgag	gcagcgggcg
gggctggacg	gcctgtcttc
gggtcggttac	cggagtgcaa
tgagtgaaa	ggcggacaca
tcccctcctc	cccaatccca
ccggtgggaa	
ccacaaataa	atttacaacc
agccctgcc	
agccagcgc	
tgccaggctg	aggcggcagt
gggctctagg	aaggcccggc
ggagactggc	agcgcagggc
gggcgggagg	gcag

<210> 8953  
 <211> 1441  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1442)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1048)...(0)  
 <223> similar to gi433482 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8953

tttttttttt	ttgctgttgc	caactgttta	ttcagggccc	tgaacgggtg	gtgctgggac	60
atgcaacaca	ctcgggcccc	cagcagcgtg	accggccgct	cccaagcccc	gggcgacaaa	120
ccacagccag	gagcagcccc	tgccaccact	gggccaccgt	ccagggcccc	acaggaccag	180
ccgaaggtgc	cccgggccga	ggccagctgg	gtcaggtgta	cccctagcct	ggggttgagt	240
gaggagcggc	acccccagta	tcctgtgtac	cccaagttgc	ccaggaggcc	gagggggcct	300
tgggtcccat	ctgcactggc	caccccggtc	caagcatcac	agctgctga	gcaggtttgt	360
gtgtgagcgt	gtggcggggc	ctggttgtcc	ccttcctaag	gcgtaactgc	tataagcatc	420
tccacctctc	ccgctcggga	aaaagccaca	gagcctggcg	atgtcctcaa	gggggtcccg	480
tggctccagt	gcacccagca	cacctcagcg	cctctggctg	gcaagccagg	agaagaaggt	540
gcgaggccgt	gggcgaggtg	cctggaggac	gcgcatggtg	cgtggggagc	gccaggcttt	600
gatggtggcg	tcgtcgctgg	ccgtgagcag	cagctcctgc	tcctggggac	tgaagaccac	660
tgagttgacc	acatcctcgt	gccgcagcct	ggccagacag	atggtgtagt	ggcgggtcca	720
gatgtagccg	tgccggtcct	ccgccccgct	ggccacgaag	tccttgcctga	cgtccaggaa	780
gatgaagaag	cactcgtcgt	tgggcgtgta	ggcgcggtgc	gcacgcagag	cccgcctcac	840
ctcccgcatg	gtcttgaggt	cgaacaccag	caggtcaatc	tcctccgcga	ttggtggcgg	900
ctgcatgggg	tcggccacca	ccgcaccgtt	gggccaggcg	cggctgttca	cgtacaggta	960
cctgttgtcg	ggcgacaggc	ccatgccgat	gatgtgtccg	tgtatgtcta	tgacgtggtc	1020
cagcgcgtcg	aagaaggcat	cggagccccg	gccctcaccc	agcacggggc	ctgccgtggt	1080
catctggtgt	ggcaggatct	gcttgatgcc	tgcagggagg	gctacggtga	gggtccctgt	1140
ccaatgcccc	aaggacatca	ctccagggca	gcttcctacc	tcagtgggtg	ctctggggct	1200
gtgagcacca	cagaggtccg	tgggcactgc	ctgctccggg	ggccccagac	ctgaatcagg	1260
cccgtcgggt	gcttgctggc	cagcggccct	gcgtgcgttt	gttttactg	ctcatcccac	1320
aggccccagg	tttgagcttg	tgacccagg	ggcgagtga	cgtcccagc	tttgctgtg	1380
gacttgcttg	ctgtctgccc	ctcaggacce	ctgcccggcc	tcnccaagc	tcctaggacc	1440
g						1441

<210> 8954  
 <211> 712  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (231)...(714)
<223> similar to gil695235 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8954
ttggagctgc tgggaaagt acatgagtag aagggttggg ttaaagcatg gaaacacctc      60
tgtctacacc agctcacgat aagcctgaag aggagtttgg agtccctcag acgctttcgg      120
caccacttag tcagcggggg gaataatagc tttccgggaa ataggcccg gacgcgggaa      180
gggaaggga gggaaacccg tgggaaagac cttactcatt ctgccccttg cagtcagcac      240
ctgaggagaa gcagcgggga aaagaagtgc caagctcgcc gcgttgacca gtgtcagggc      300
cgagtagcca caggacagaa ctgagaagcg agtaccaaca tcaagcctgc cgcgccattt      360
atatccacgc atgcgtttcc cttacctgc accgagcctc ccgccccgtt tacatccacg      420
caggcgtttc cccttacctg caccgagcct ccattcccgt ttatatccac gcaggcgttt      480
cccccttacc gcaccgagcc tcccgccccg tttacatcca cgcaggcggt tccccctacc      540
tgcaccgagc ctcccgcccc gtttacatcc acgcaggcgt ttccccctac ctgcaccgag      600
cctcccgccc cgtttacatc cagcgaggcg tttcccccta cctgcaccga gcctccccgc      660
ccgtttacat ccacgcaggc gtttcccctt accgaattcc accacgctgg ac              712

```

```

<210> 8955
<211> 745
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (41)...(748)
<223> similar to gil546900 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8955
actgttcagt tgctctcctg gatggcttta tgtctccgcg gtgtttccta gagtctcggc      60
gtttctacct cttcgcaccc tttcctgcc cctttgtcc cctggaagcc cggagacatc      120
agcggctgca attttgctac tcgctgctcg gcgtggaact gtcaggacaa aaaataatat      180
ccaaagatat tttggcacta acggcgctat ctgtagcaag aaagttgagc agtgtgaact      240
gttgagactt ccaaggagac ttcagacaac caagacagtg taaaggaaaa cagagaaaaa      300
gacttgtag acattattaa gggcacgaaa gttgaattga gcacagtaaa tgtacaaaca      360
acaaagccac ccaacagaag tccacttaaa agctacaact ggccccgctc aaagagctac      420
agagcatgct ccaaagaaga gaaatgagcc cgtgagtcct gagttggtgg cagctgcac      480
tgctgctctg ttttgacaag caaacaagcc agaactgctc aggcagctcc gtagcatgag      540
gaagagtcag gggcacagag agatggagag agacctagtt agagagcgaa ccatgtgctg      600
gatttagcca gtccctgcatt tttctatact tcaaatacaa acggggccatg cttcacatct      660
acccatgatg aataggggta ctttgattaa gaataaatag agctgactga attctgaaca      720
agataaacat attcaagggg aagag                                745

```

<210> 8956  
 <211> 625  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (478)...(625)  
 <223> similar to gi2854198 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8956

tttttttttt	ttatctttaa	aaacagattt	taatgtgtta	aaaaaaaaat	agaatcaagt	60
ggtgtgcttc	gccactgaga	tgatttgtgt	gtggctccgg	ggccacatag	caccagggct	120
cgatagcaga	caggagtttc	ggccctcgtc	cagtgcattg	gactgggtga	ggggcggagg	180
cccagcccca	cgggggccag	agcaggaaca	cagccacctg	ttccaacagg	cgctgtgcct	240
tgtatgcccc	gtacatgtgc	ctgccctgag	aggagcatgg	gccaggcctc	tcttccagct	300
gtgccccag	ggtgccagt	aggcagggcg	acctctcacc	aacagagctc	ctccaagcca	360
tgtgtgattt	ggatttcctg	aacccctgt	acctatgcgg	tgggccaccc	cagggggagg	420
ggaggagaga	tgggagactg	tgtgtatgtc	ccctccctcc	aagtgcagca	ggagaaaggt	480
caactgggctg	gcctggtcac	acaccgtcat	aggggcctgc	tggggtatgc	ccgatgcccc	540
ccagcctccg	ggccatgctg	atgagtgagc	gcaactgcac	cagcctcagt	ggccccacct	600
ctctgggggtc	ctggttctcc	agcca				625

<210> 8957  
 <211> 447  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (65)...(440)  
 <223> similar to gi2443581 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8957

tgcactacta	aaatggacac	ttaaaaattg	ttgctctctc	ctctgctcgc	attttcactc	60
tgccatgccc	tgctctgaag	agacacccac	cgttacccac	agcaaacagg	ctggtttgca	120
gaggaaggca	gcatgcagct	ccgttttgcc	ccattctctg	agcaggccac	aaccctgact	180
cagggatcca	cacaggccac	aggctatgac	ctcaacggtg	cctatgatga	tacaatacca	240
cctatggaga	aagctctagg	gaaaatggac	attcagatag	ctcttccttc	tggatgttac	300
agaagagtag	ctccatgggt	tggattagct	gcaaaaacct	ttattgatag	atgaagatta	360
ctgagaaaaat	gatgggtgctg	tactgtttta	ttttggcaaa	aaaaagcggc	cgctcgagcc	420
ggggaattcc	accgactgt	gctagta				447

<210> 8958  
 <211> 1743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (257)...(1568)  
 <223> similar to gi2317934 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8958
gagcgccgcc ctggaggcgg tggctgggat aaacgtgcac ccagcaggac tcgccttggc      60
tccgggtttt gcttgtgctc acatgtggca ccatccttgg ttgccctcct ggagaaggca      120
ttcacggcct ggggtgggat ggctgggctg tagtttagcc tgggccttgg gccccagtgg      180
gggacagggc ctgtctgcat gaagtggaac cggagacctg cagaccccag gaaagtgtca      240
ctaattggag ggaggggcag gcagtcaagt ggctggtgcc catggggtga agccaccatg      300
ggctgggggt gaagagccgg caggaagggg accagtcaca gggagtgtgg acagtacagg      360
gtttgctttc tgctcctgag ttggggtgtg cagcgtggag cccacagcct ggttctgggc      420
cagggcacag tgccaggggc tccgctctga cctccaggag ggagactggg cccgggaccc      480
ctgttttctg ctccctggac tgcctagccc tgagtgccac ggatgaccag cgttctgttt      540
tctcttctca ataaccctat ctcttcacac atccccaggc ccagtgtctg ccggctgtgg      600
tgacctgcc tgggtgctgga gggcagtatg ggaggcacca gtgtgccctg ctcaccccat      660
tagtgtcatc ctgccatctt ctgtgtcccc ttggccctgg cacacacca tgtggcaaac      720
acgggcccgtg aggcctccctg aacagcttcg aggcgggtgg gcttctggag ccctcttggc      780
tctgaggaca gccacagtgg ggtcagacgt cagggattgg tgcagcccca cgtcaggggt      840
gattgtcttg actttctctc catttgagtt ctggggtggg ttgctccctt ccccttgcct      900
tacaggtgct gtcctgggca caggaggtac gcgcctgggc tctgccactg ttctcttccc      960
tctgtgcaa agcccagtta aggaaatgtc ttcaggttca aagagatagg atggtctggg     1020
ccccacctgt tggaaaggaa cagccaggga agaaccacct gcctgggcag ggccctgcct     1080
gagggagggc ctggggcagg gcacaagggg ttgatctcag cccacaagcc ccaggggcag     1140
cccaggaaag caggcgacgg atgtggatcc tgacctctg agaggtgtga ggtgcaggga     1200
taccacctc tgccttgacg gccgcgcacc ccttaggaag tggctgtcca gcgcctgcct     1260
gtgtctggcc tgggagagga gctgtcttgc cagggtccc aggcaggag aggcagggtga     1320
ggttctcagc cgatgtgtta gaggttgagc atcgctgtg cccagcttgc tggctgtcag     1380
tgcttgatgt gcccacctc agctaaaacc cagagctggc atgttggtca tccccacctc     1440
agacgggacg cccagtccag agctggtgag ccctgggcca gcctttgggc ctggcctgcc     1500
ccattcaccg gccagcgccc cacctccctg gctggagggg cggggagggg ctggcagaga     1560
tggttggtcc acagggctag ccctgggtgg tgggagaggg gccaggggtc aggggtgagag     1620
agagctgggc caggagctg ctgcaggatg attttgaggt gtgggggaag cactcttgag     1680
gttggttttg gtttgctttt taaaaattgt ggtaaaatac ataacaaaag taacaaaaaa     1740
aaa

```

<210> 8959  
 <211> 717

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (223)...(717)  
<223> similar to gi439877 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8959
ttagtccagt gcggtggaat tcctgagctt gaaaaaaaaac tgaaagagaa taaaatatct      60
ttagagtcgg aatatgaggt acggtatggt aatatagtct ctgtcttata acaatcagtt      120
actggtttta tctgccttaa aagtattagt agtacagaaa aaaattacgt tgaatatata      180
tggatattga taaactgtat attcatttga aaagaaaata aaaagatgga tccatactta      240
atatactaca aataaataaa ttccagatgg atcaagaatt tgaaagtaaa aaacaaaaatg      300
ctaaaagtac taggagaata taaatggaga attttgtttg ttgtcttgag tcaaaaaaagc      360
ctattttaat gtgatataaa acccagaagc tctaaaagta aagatcaatg ggttcatata      420
tacaaattca aaagttaaga atgaaaaaag tatataaagt cacagattac atgagaaatc      480
ctacagatat agtttaatct tatcatggca cattaattta cttaaataatg aagaccatct      540
tcaaatcaat gtgaaaaagt tcaacaattc atttgttcag taagaacatg ggaaagcata      600
gcatgtaaaa cttttggaca aaaggaaata agtatcattc ttaaacatat gaagagatgc      660
tcaatttatc ataataggaa tgtcaaagtc taacgaggta tcacttttca cccatct      717

```

<210> 8960  
<211> 1844  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1845)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (1319)...(1844)  
<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8960
cagaactntg ggagtcgag gcagacagat cacctgaggt caggagctca agaccagcct      60
gaccaacatg gcgaaaccct gtcgccacta aaaacacaaa attaggcctg gtggcgcatg      120
cctgtaatcc cagccactcg gtaggccgag gcaggagaat cgcttgaacc caggaggagg      180
gaggttgceg taaactgaga tcgcgccatt gcattccagc ccgggcacca agagcaaaac      240
tcggtctcaa ataaataagg ctctaacaat tgttctcata ttttaacatc cacaatgtga      300
ttcaagatgt aatcaacata aagcttgatt gcattatctt gcatgctaag ttttccaaat      360
ccagcttcgt gtcacaccta cagcacatct cactcaagct ggccacatcc ctgccatcca      420

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gacgtaaaac	agtcacaaga	cagggctggc	agggccgcgg	aggaggccgg	caggggccat	480
cacggagtgc	ccatcctgca	ctgtgggtccc	agcaagtttc	ttcctcctgg	caagaagcct	540
gtcccaggct	ggcaggggac	agcgtgaggt	gcagcctatg	gactgggaaa	ggggtgtgga	600
agggccacac	ctaagtccta	aaatccaggc	ccaaaagtgg	cccaactcac	ttctctgact	660
ttaatcacac	aggcataccc	ggtggcaaa	gagtatggga	aatggagtca	ggctgggtag	720
ccacgagccc	aggaagaagg	gagaacagac	ttggagaggg	caggagtctc	tggccaccag	780
gggctaaaga	gccttcgatg	aggcagtgat	gtgggggtcct	gggctcagac	ccagggtggg	840
tggctaagggt	gcccttgcca	ggacttagcc	accccaacag	agatggggtt	cgtgcccacg	900
agagtgcctg	tgccttgtga	cgagaattca	ccatgttttt	gtctctgcag	gcagagaaca	960
gcattgactt	catcagcagg	gagctgtgtg	cgcattccat	caggaagctg	caggcccatg	1020
tcctgttgat	caagtgaagc	tggacccatc	cccttcagtc	accccccaag	gagacatggg	1080
cgccagggaat	ctccgggagg	gggccctggc	atgaggtccc	aagttctctg	cgtgtcgacc	1140
acatcgctaa	gactcaagat	cttttttggg	aagccccct	ggcagcaggg	tcattggaagg	1200
aggaaggtca	gaggagggga	gggctcaggc	agcaggggat	gggccggggc	tgtcccattg	1260
ctttccacag	gtgtcagcgg	ggggcatgcc	caggtaaggc	tccataacca	gtgagcccag	1320
tctcgactca	ctgcaacctc	tgcctcctgg	attcaaacga	ttctcctgcc	tcagcctccc	1380
gagtagctgg	gactacaggc	gcccgccacc	aggcctggct	tattttttgta	tttttagtag	1440
agacgaggtt	tcgccatgtt	ggccaggctg	ctctccatct	cctgacctca	tgatccgcct	1500
gcctcggcct	cccagtgttg	ggattacagg	cgtgagccac	cgtgcgtggc	ccaccataga	1560
caatttttaa	gccataaaaa	gaaacgaagc	actgacacgg	gctccagcat	ggatgagcct	1620
ttaaaacatc	gcgctaagtg	gacgaattca	gacacaaccg	tctacgtgtt	gtatggctgc	1680
attcacgttc	aagtcaagtc	caaatagggc	acactgcaga	gacaaagcca	ggtcatgggt	1740
gctcaggacc	ggaagcctgt	tgggggtggg	gggggtgggg	gtgtgtgtgt	gtgtgtaagc	1800
tcagaggttt	gcgatttctt	tgggggtgat	gaaaatgtaa	ttgt		1844

<210> 8961

<211> 1952

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1953)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1481)...(1935)

<223> similar to gi200547 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8961

tcttcaccca	tggtcaggga	ggcgccatcg	ccctggcttt	ggggctgggg	cctccgggga	60
ggttcocgta	ggggcggttg	agaggccgct	ctttttgcaa	ggcccgagat	ggcgggccct	120
gcgagggccg	ccctattccg	cgcctcagg	gcgtcagtat	ccgcctgagg	ccggataccc	180
actctgggct	cggatacccc	cgtctggccc	ggagcatcct	cggcgctgcc	ctccagagc	240
cccgcagagg	ctgaggtggc	gcgggggcgg	ccccggctcc	gcgagaagag	gcggcagcga	300
gggctggagg	acccgggcta	cggggctccg	gggcgtctgg	cctgggtggg	actgagccca	360
tccagggact	gggactccgg	ggttctggtg	taggtggatc	cggggcaggc	tcaggaccaa	420
gtccctctcc	ttccaccaag	gagcgcccag	aggccggcgg	gagctccagg	ttcacctcct	480



cctcctccag	gaaatccac	ttccaactgg	atgtctggat	gaactactga	aagctgctga	540
gtgtcctgca	gcagggtcgg	tggaacctggg	tgtctgtctg	gacacatcct	ccagtggcct	600
ggacctgccc	atgaagggtg	tggaactgtt	caggagctgt	ttgcctgcgt	gtgctgtgaa	660
cttcaagtga	cggtaagggc	catgtagaat	tgaggagccc	gctgggtgctc	ccggcaggca	720
gccagcctcc	gcaggacccc	gaccagcgac	acgatggctt	ctgggcaata	cagcacgtct	780
acgggtgaaag	cttcagggtta	ctgaaaggga	caagtggaaa	gttccagttc	atgctgacct	840
cagcagcagg	gcgaggccag	agaggcagcg	ttcatatgag	actattagat	gccatttgac	900
catttgggcc	attagatgga	aaggcaatta	cttgggtgaa	aaaggagaac	ccttagtaga	960
gaaagctgca	aaagaccgaa	gcaaaagaaa	aaaatctcca	gactcactgg	tgttccttaa	1020
aaaaccagct	ctggttcttg	gcctatctag	agggctttga	atgacagaaa	gcctgaccct	1080
gccatgaaat	tcgtgtttca	ggtgtctgcc	gattggtctg	ctggcttgca	ggggtggggc	1140
tgtgtccctg	gccaccgctg	gacctgtggg	tttcagggct	ggaaccagg	accacaggca	1200
gagctctgtt	ccaccagaga	ggggactgag	tgtgctggca	ggggtgagg	gttttcggtg	1260
gcccagccaa	acacccctt	ctctcaagg	ccctgtcctc	atctcagaag	tggttgttt	1320
cctcctgtgg	tctctgaagg	acacagggca	tggctctggg	acagagccat	gtggtgatga	1380
ctgaaacggg	agtatgcctg	tctccaacaa	gaggtctgtg	gcttgaaggt	caccttaaga	1440
ggcacccttg	tcctttgatg	tcaccctgga	ggcccagagt	aactcttctg	gaagcccat	1500
catgtccatg	cctgacagca	tccattgttc	ccttttccca	gagccaagag	ctgggtagag	1560
ctgcaaggac	accgcctgca	caggatgccc	ggggctgggc	attacctgct	gcaatgacaa	1620
catctggctg	gacggcagag	agctgacaga	ccgtcgcgac	gtcccagtcc	agctgggcca	1680
ctgtcaccct	ggggccgtct	aagttggcag	tgatgtctgc	ctctaattgag	aggccattga	1740
gaaggacatt	ccctcagagc	tgctcgagga	cccggctgtg	acagtcgctg	aagatgtacg	1800
ccggggggcg	gcacatcttg	cagatggcca	ggcctgtgag	gccggcgcca	ctgccaagct	1860
ttaggacagt	cctgtgaaag	aaggctaaag	ggttctcggc	ccattctgcc	ggacgcgtgg	1920
gtgaaccctg	aacggcaagn	ctggccgcac	at			1952

<210> 8962

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (27)...(920)

<223> similar to gi403460 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8962

tttttttttt	ttgagacagt	ctcgctctgt	cgcccaggct	cgagtgcagc	ggcgtgatct	60
tgcttcactg	caagctgtct	cccaggttca	cgccattctc	ctgcctcagc	ctccggagta	120
gctgggacta	caggcgcagt	ccaccacacc	tggtcaatth	atthttgtatt	tttagtatat	180
acgcggtttc	accatgttag	ccagaatggt	ctcgatctcc	tgacctcgctg	atctgcctgc	240
ctcagcctcc	caaagtgtctg	ggattacagg	cgtgagccac	cgcgccctggc	gaagggagtt	300
ctctcttgac	ccctgcagg	aaaaggactc	acctccctca	ctgcaggctc	agccttccag	360
ggcaagagg	aacaggaaag	tatgtgcca	tgtgtggcaa	gatggaagga	cggcaggctc	420
ccgcctctag	gcttggggct	ctaccccgat	ggtttcccaa	ggctgccaag	aaggagccct	480
aactttcttc	ctctcccttc	ctggaagggt	gctgcatcca	caggcttttg	accaactaag	540
gcaaagagg	gatttgaaag	gctgcctgga	aacactgggc	tgggaggagc	ctttggatat	600
ttttatatac	gtttgaaaag	gggattgaga	gaagaaacca	aaggctcggtt	gtactaaatg	660
tatatatata	gatacttcta	taaagtcact	gctgaagaca	agcatcctat	tgtggaggta	720

cttgaggatg	ggctgagaca	gggaccataa	ctcttcaccc	ctcttctccc	ctctgtcctg	780
cctcagctca	aggcctcaga	atcttctgga	tgccattgct	catgccccta	ctcacatttc	840
tactcgttgc	tttattaata	gtaaatgctc	aataaattgt	agctgccagt	gccgggcatt	900
gctcttgcca	aaaaaaaaaa					920

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<210> 8963
<211> 2644
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (860)...(2627)
<223> similar to gil9867 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8963						
atTTTgtaat	tgtaatagag	gggggggtttc	ccatgttatg	cagaatgttc	tagtcatcgt	60
ataggggcg	ccacgcattc	gccaaaattg	ttttaaaagaa	tgaaattatt	ttttaaaatg	120
gttttgcccta	accaatggct	gataagaaaa	tgagaaacca	ccatgtcccg	ccaaccacag	180
ccccctctttt	gggccttttc	ctattgcaat	gattttttcaa	tgtgtccagt	ggccgagttg	240
cccagatgtc	cgtggagctt	gatgcaaaca	gaattcagag	ccacacaggc	accgctagca	300
aatccacacc	tctggtgccg	agggccccag	aatctgtgtt	ttgaatgcat	ttttcagacg	360
cttttactgt	accttataac	caagatcggg	tgaggtgtgc	aaaccaaggg	ccctgtcccc	420
tccaaaccag	cagagcccgg	ggcatgagga	tggcaagcga	agtgacaaca	taaacacagg	480
tgtctccatc	atcaaggatg	ggagtggaa	ggacagcaag	ggccagggtca	ccccagagc	540
attcgtcagt	tgtcaagtcc	aaagctaaga	aatcagttca	taaatgtttt	ttgatttgca	600
tgttggctca	agccctcttt	ttaagtccaa	ggaggcagtc	cacattaagt	gtgcaggcaa	660
aaaagagatg	gaaaaaggag	tcagttttctc	ccctgccttc	cctctctccc	tttatcaagc	720
tgagcacctt	gagttgcatt	tgaggaaatg	aaaactatag	gtgacgcaac	cccattgtgt	780
cgaattctttt	ctttacattt	tttggggtgg	tacaaggaa	cagtattttt	ttttttta	840
cagatggtgt	gtgtggtggc	tcacatctgt	aatcccagca	ttttgggagg	ccgaggcagg	900
aggatcactt	gaggccagaa	gtttgaggct	gcagtgagtt	atgatcatgc	cactgcactc	960
cagcctgggc	aacagagtga	gacctgtct	ctaaaaaatt	taaaaaaaaa	tcaaagcatg	1020
aacaaaactt	taacaagaga	ataaagaggg	ttgttaggtg	gagacgtggc	cagcactcca	1080
cctccacttt	gaagttcaga	ggcagagcat	ctctccctcc	cacacttgga	gggaggggccc	1140
gtgggctgtc	tctagccctc	acctcacagc	tggctctctt	gctctccctg	ctcagcttct	1200
gctctggcct	cgccctcag	cacctgagg	ttcctggcct	ctcctgccct	ggggactctc	1260
ttgggcaggg	ttggcaaccg	gggagtgtgc	cagaaggctc	tccggcgctt	gcaaaaccac	1320
gaaaagcgtc	caggggtctg	gaacctcact	gtcttgacct	gtttccgggc	cctggctcct	1380
ggagctgttc	ctgtggtccc	ttgggcagct	gagacttcag	cttccctggat	acctggggcc	1440
cctgccctct	gattatgtgc	agcctctgcc	ctctggccag	cccgggcctg	tgccctctga	1500
ttatctgcac	cctggacagc	tggggccctt	tccctctggt	catgtacggc	ctcttccctt	1560
tgattatctg	taacctctga	cccctggtca	gctggggcct	ccgccctctg	attatctgca	1620
gcctcttccc	tgtagttatc	tgtgccctgt	gacctctggt	cagctggggc	ctctgccctc	1680
tgattatctg	cagcctcttc	cctctggtta	tctgcagcct	ctgccccctc	ctcagctggg	1740
gcccctgccc	tctgattatc	tgcagcctct	tccctctgat	tatctgcagc	ctctgcccc	1800
tggtcagctg	gggcccctgc	cctctgatta	ctgcagccc	cttcccgtctg	gtcagctatg	1860
gcctcttccc	tttgactatc	tgcagcctct	ccccctgat	cagcctcgat	gtctgcccc	1920
tgacctgtgg	gtgctgtctg	ctccttccctg	cggcgccgaa	aggaggccca	gttgatcttg	1980

ggcctccatc	gcctagggga	agcctggggc	acacaaacat	ctcccgcgtt	tcccaagcga	2040
tcccccgggc	tggtgccctc	tggcgccgat	gatacccctg	cgctctccac	tgcggaacac	2100
cttgccgatc	ttcttaaagt	tccccacggg	cttttagggc	tccacgagga	cgtccaaatc	2160
cacatctttg	cagacatcgg	ggacgtcca	aagaatgagg	cagtcggggg	acggcaggaa	2220
gccccagggg	aaccagcccc	ccacgtggct	tttctcgaga	gtctttaaga	tctccagggg	2280
gatatctggg	gtgaggggca	atgagcccca	acaaactact	gtagccctta	gtcttgaggg	2340
agggactgga	tggggggagt	tccagcaacg	ctgaccggag	agtctcacct	ccctagccag	2400
ggacgagcca	aacgcctcca	atctcttcgc	ctgcaacaag	tacagtcttg	accaagtccg	2460
gctccccac	caaggacttg	ggggaatcaa	tttccaggat	gcctacgtga	gccgggggcg	2520
aggtcagtc	caagctcaag	gccactcca	agctggaaac	gtggtgtccc	agctccaagt	2580
tggggcgcg	gggctgccag	cgactcttcc	tgcccaggcc	ccaggggacg	ggctggaact	2640
tggg						2644

<210> 8964

<211> 894

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (83)...(864)

<223> similar to gi5911846 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8964						
gcggtgag	cgggggttag	ctcccagttc	ggcctctgag	gaaaacgggc	gttcgcctgc	60
ggttggtccg	actgttagca	acatgagcgg	cctggatggg	gtcaagagga	ccactcccct	120
ccaaaccac	agcatcatta	tttctgacca	agtcccagag	gaccaggacg	cacaccagta	180
cctgaggctc	cgcgaccaa	gcgaggcgac	acaggtgatg	gcggagccgg	gtgagggagg	240
ctcggagacc	gtcgcgtcc	cgcttcacc	gccttcagag	gaggggggcg	taccccagga	300
tgccgcgggc	cgtggcggtg	ctccccagat	ccgagttggt	gggggtcgcg	gtcatgtggc	360
gatcaaagcc	gggcaggaag	agggccagcc	tcccgccgaa	ggcctggcag	ccgcttctgt	420
ggtgatggca	gccgaccgca	gcctgaaaaa	gggcgttcag	ggtggagaga	aggccctaga	480
aatctgtggc	gcccagagat	ccgcgtctga	gctgacggcg	ggggcgaggg	ctgaggcgga	540
ggaggtgaag	acaggaaaag	gcgccaccgt	ctcagcagcc	gtggctgaga	gggagagcgc	600
tgaggtggtg	gtgaaggaag	gcctggcgga	gaaggaggta	atggaggagc	agatggagggt	660
agaggagcag	ccgccagaag	gtgaagaaat	agaagtggcg	gaggaggata	gattggagga	720
ggaggcgagg	gagtaagaag	ggccctggcc	tttgcatgag	gctgtctgca	tgggccctgt	780
ggaggccatg	cagctggaac	tgtacactgt	gaatgtgtca	ggccgacagg	gctttccatc	840
agggggagcc	caagtttggc	gtatggcacg	aaatcgtcga	ctcgtgaatt	ccgg	894

<210> 8965

<211> 574

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (114)...(567)  
 <223> similar to gi5441615 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8965  
 gcccacacac tgtcctatct atgtccctt tctcctgaa aagctagttt tgacctttcc 60  
 tcagcttaag cagaggcctg tgtctttctc cacggttaga gaccagggtg caggggaagga 120  
 cacaaccagc acaaagactc agaccacagg tccatcctgc cctctacctg ggatgatttt 180  
 tcaggctctg cttcctttct ctggagcagg acttcaagct tccaaacctg atgtcatctc 240  
 caggctggag cgggggggacg aaccatagac ccctcacatc ctgagaactc aggggagctg 300  
 gagctggagg cacaagagag aaggctgtga ttctaggatt gaaaaagagg aaatgattcc 360  
 aaagcaggac atttctgaag aattggaatc ccagagagca aaatcagaag atcatgtaag 420  
 gaatattttt aaggaaactg aagagatgag taaaactgag ggaaagttag agaattgctg 480  
 gagaaaatat gcagtagaag gagttaagaa ctcattcttc cagaagagca atttcagaga 540  
 aattaccatg aggtatgtga aaacctctc taaa 574

<210> 8966  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (12)...(368)  
 <223> similar to gi1916229 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8966  
 aactggaagt ccttgccaga gcaatcaggc aagaaaaggg aacaaaaggc atccaaatag 60  
 gacaaaaaaa attcaaaactc tctctcttca tgacaatata attctacaac tagaaaaccc 120  
 taaagactcc tccaaaaggc tcctgtgact gattaaatga cttcagtaca gtttcgggat 180  
 ataaaattga tgtataaaaa tcagtagcat ttccaaacaa caaccttcaa gttcatatcc 240  
 aaatcaagaa agcaattcct tttacaatat ccatgctcaa ggattggaag aatcaatatt 300  
 attttaatgg ccatactgcc cacagcaatc cacagattcc atactattcc tactaaacta 360  
 cgaatgg 367

<210> 8967  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (79)...(366)  
 <223> similar to gi4379026 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8967  
 cggcacgaga caagggagaa atactgttaa tacagagaaa atctcaaaaa atactgtgag 60  
 actacagtag attcctgtgc aaataaattt gaaaacctag aggaaatgga taatttctta 120  
 ggcacgtaca gtttaataaa attgagccaa tttgagatgg aaagcttaag cagaccagtt 180  
 tccatagaag aaaagagaaa gttatgaagg aactacttcg tacaaaaaca ccaggcccag 240  
 atagattggc aggaaacttc tgtcaaacct ttagagatca ggtagatagt cctaattgcta 300  
 cataaattgt tttagagcat aaataataaa ggaaaacttc caagttcttt gaatgaagca 360  
 agtat 365

<210> 8968  
 <211> 377  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (154)...(379)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8968  
 aaaaaaagaa gcataactga tatgctaaaa aatgagaaaa aaataattta tatgaaatgc 60  
 tcaattgtaa caacaaaagg caaaagagaa aaagagtga agataaaaat aagaacaaag 120  
 aacaagaaca acaaatagaa aacaataaaa aatatagtag atgttaacca aaccgtatta 180  
 acaatcactt tgaatgtcag tggctctaat tcaccagtta aaagaaagag attgtcagac 240  
 tggatcaaaa aacaagaccc aactatatgt tgtatataag aaaccactt taaatataaa 300  
 gacacatata aacgggtaga gaaagataca ccctgacaac actaatcaaa agaaagcaga 360  
 attatctatg cttatgt 377

<210> 8969  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (406)...(420)

<223> similar to gi3168604 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8969
gtcttgctgt agcctagtga gaataaaaga gcagtcactt tctctgaagt ctagcctccg      60
cccacttaac atgactctct tctttctttg aaggtttgag ggctgtgtc tgctgtccct      120
gctggtaggg gagagcccca cagagctatt ccagcagcac tgtgtgtctt ggcttcggag      180
cattcagcag gtgttacaga cccaggaccc gcctgccaca atggagctgg ccgtggctgt      240
cctgagggac ctctccgat atgcagccca gctgcctgca ctgttcggg acatctccat      300
gaaccacctc cctggccttc tcacctccct gctgggcctc aggccagagt gtgagcagtc      360
aacattggaa ggaatgaagg cttgtatgac ctatttcctc cgggcttggt ggtctctc      418

```

```

<210> 8970
<211> 392
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (139)...(395)
<223> similar to gi5802816 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8970
caaacatggg gctcgaaccc gggtcgaagg gtcgccagag cgatgggttg agaacatgga      60
actacgctgg agcacacctg agtactctta agcaatcccc atggtaagta agaagggggag      120
ctcggaaagca tcagggtaac aatgggacaa gggtcgaagca ggcacaaggc ttatttgagt      180
ctgcctcggc agctcctcag aaaaggagga gtgaaagtta gcaactagctg acttatgcag      240
cttttttagta tggtagagaa atattgcccc tggtttccga ctgaggaaat atggatgtag      300
aggtctggga ggaggtaggc agcgactga aaaaggcgta taaggatggt gctgaggata      360
ttcctataac tgtctggtca gtgtgggctc tg

```

```

<210> 8971
<211> 479
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (44)...(461)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8971
ggaacataaa ggataaaaga cataatagag gacaaatagc aaaatgacag aattaagttc      60
tctcttatca gtaattatat taaatgtaaa tgaattaagc tcttcaatga aaaggcagag      120
attggcagaa tggattttta aaagaacccat gatccaacta tatgctgtct ataagagact      180
tatttttagat tcaaagacac aaataatttc caagtgtaaa gatggaaaagc ataccatgca      240
aacagtaacc aaaaatgagc tgaagtggct atgctaatat cagacaaaat ggacattgac      300
acaaaaatgt ttcaaaaaac aaagaagtac attaatatga taaaatgttc aatgtattaa      360
gaagatattg caattataaa caaataggca cttatcaaca gagaccaaga acctatgaca      420
aaagattgac agaattgaat gaaaagttaa aaaatagtcg gaggccaggt gcagtggct      479

```

```

<210> 8972
<211> 443
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (55)...(403)
<223> similar to gi5824531 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8972
ttgttcattc gctcagagcc acaggaggag gggagaggcc tggaggacac caacatgaac      60
aagttgaaat catcgagaa ggataaagtt tgtcagttta tgatcttcac acaatctagt      120
gaaaaaaacc gcagtaagtt gtctatctca aaatgactgg aagttagatg ttgcaacaga      180
taattttttc caaaatcctg aacttttatat atgagagagt gtaaaaggat cactggaaag      240
gaagaagtta gaacaactgt acaatagaga caaagatcct caaaatgaga ataaaattgg      300
aatagatggg ataatagcagt tctgtgatgg cctggcactc aatccagcca gcattagtgt      360
gttgattatt gcatggatgt tcagagcagc aatacagtgc ggacgcgtgg gtcgaccggg      420
tnntcggacg cggatatccca aga                                           443

```

```

<210> 8973
<211> 1772
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (147)...(0)

<223> similar to gi854065 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8973

aagcccctgg	gaatccccgg	tcgacctacg	cgtccggtga	ggagcatggg	tctccggcag	60
ccccccagct	tttactgggc	ctaggcccag	ttgctggccc	taagttgtac	ccgagactct	120
acacagacat	ccacacacac	acacacacac	actctcacac	acactcacac	gtggaggggca	180
aggtccacca	gcacatccac	tatcagtgtc	agacggcacc	gtatctgcag	agggcacggg	240
ggggccggcc	agacaggcag	actgggagga	tggaggacgg	agctgcacac	gaaggcaggg	300
gacccatggc	gaggaggaat	ggccagcacc	ccaggcagtc	tgtgtgtgag	gcatagcccc	360
tggacacaca	cacacagaca	cacacactac	ctggatgcat	gtatgcacac	acatgcgcgc	420
acacgtgtct	cctgaaggca	cacgtacgca	cacacgcaca	tgcacagata	tgccgcctgg	480
gcacacagat	aagctgcccc	aatgcacgca	cacgcacaga	gacatgccag	aacatacaag	540
gacatgtctg	ctgaacatac	acacgcacac	ccatgcgcag	atgtgtctgc	tggacacaca	600
cacacacacg	gatatgtctg	ctggacgcac	acacgtgcag	atatggtatc	cggacacaca	660
cgtgcacaga	tatgtctgct	ggacacacag	ataatgtctg	cttgacacac	acatgcacgg	720
atattgtctg	gacacacaca	cacacacgtg	tgcacagata	tgctgtcttg	acacgcacac	780
acatgcagat	atgctgcctg	gacacacact	tccagacaca	cgtgcacagg	cgagatatg	840
ctgcctggac	acacgcagat	atgctgtcta	gtcacacaca	cacgcagaca	tgctgtccgg	900
acacacacac	gcacgcacag	atatgctgtc	cggacacaca	cacgcacgca	gatatgtctg	960
ctggacacac	acacagataa	tgctgcctca	acactcacac	acgtgcagat	attgcctgga	1020
cacacacatg	tgcacagata	tgctgtcttg	acatgcacac	acgtgcagat	atgctgtccg	1080
gatacacacg	cacgcacaca	tgcagatatg	ctgcctgggc	acacacttcc	ggacacacat	1140
gcacacacag	gtgcagatat	gctgcctgga	cacacgcaga	ctgacgtgct	tttgggaggg	1200
tgtgccgtga	agcctgcagt	acgtgtgccg	tgaggctcat	agttgatgag	ggactttccc	1260
tgctccaccg	tactccccc	aactctgccc	gcctctgtcc	ccgcctcagt	ccccgcctcc	1320
atccccgcct	ctgtccccc	gccttggcgg	ctatctttgc	cacctgcctt	gggtgcccag	1380
gagtccccta	ctgctgtggg	ctgggggttg	gggcacagca	gccccaaagg	tgagaggctg	1440
gagcccatgg	ctagtggctc	atccccactg	cattctcccc	ctgacacaga	gaaggggcct	1500
tggtatattat	atttaagaaa	tgaagataat	attaataatg	atggaaggaa	gactgggttg	1560
cagggactgt	ggtctctcct	ggggcccggg	acccgcctgg	tctttcagcc	atgctgatga	1620
ccacaccccc	tccaggccag	acaccacccc	ccaccccact	gtcgtggtgg	ccccagatct	1680
ctgtaatttt	atgtagagtt	tgagctgaag	ccccgtatat	ttaatttatt	ttgttaaaca	1740
tgaaagtgca	tcctttccct	ccaaaaaaaa	aa			1772

<210> 8974

<211> 1889

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (737)...(1888)

<223> similar to gi4239654 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



```

<400> 8974
tgcgtttgtc aaagcacaga cttcctgttt tgctgctag catctccctg taactctccc      60
aatcttgagg agtgatccct gtcccagccc ctggaaaggg gcaggaacga caaactcaaa      120
gtccaggatg ttcacatga caagagccat ggaagaggct ctttttcagc acttcatgca      180
ccagaagctg gggatcgct atgccatata caagccattt cccttctttg aaggcctcct      240
agacaactcc atcatcacta agagaatgta catggaatct ctggaagcct gtagaaattt      300
gatccctgta tccagagtgg tgcacaacat tctcacccaa ctggagagga cttttaacct      360
gtctcttctg gtgacattgt tcagtcaaat taacctgcgt gaatatccca atctggtgac      420
gatttacaga agcttcaaac gtgttggtgc ttcctatgaa cggcagagca gagacacacc      480
aatcctactt gaagcccaa ctggcctagc agaaggaagc tccctccata cccactggc      540
gctgccccca ccacaacccc ctcaaccaag ctgttcaccc tgtgcgcca gagtcagtga      600
gcctggaaca tctctccagc aaagcgatga gatcctgagt gagtcgcca gcccatctga      660
ccctgtcctg cctctccctg cactcatcca ggaaggaaga agcattcag tgaccaatga      720
caagttaaca tccaaaatga atgcggaaga agactcagaa gagatgcca gcctcctcac      780
tagcactgtg caagtggcca gtgacaacct gatccccc aaagagata aagaagaccc      840
tcaagagatg cccactctc ccttgggctc tatgccagag ataagagata attctccaga      900
accaaagac ccagaagagc cccaggagggt gtccagcaca ccttcagaca agaaaggaaa      960
gaaaagaaaa agatgtatct ggtcaactcc aaaaaggaga cataagaaaa aaagcctccc     1020
aggagggaca gcctcatcta gacacggaat ccaaaagaag ctcaaagggt tggatcagggt     1080
tctcaaaaag aaagatgact caacttgtaa ctccacggtg gagacaagggt cccaaaaggc     1140
gagaactgaa tgtgcccga agtcgagatc agaggagatc attgatggca cttcagaaat     1200
gaatgaagga aagaggtccc agaagacgcc tagtacacca cgaagggtca cacaaggggc     1260
agcctcacct gggcatggca tccaagagaa gctccaagtg gtggataagg tgactcaaag     1320
gaaagacgac tcaacctgga actcagagggt catgatgagg gtccaaaagg caagaactaa     1380
atgtgcccga aagtcagat cgaaagaaaa gaaaaaggag aaagatatct gttcaagctc     1440
aaaaaggaga tttcagaaaa atattcaccc aagaggaaaa cccaaaagtg aactgtgga     1500
ttttcactgt tctaagctcc ccgtgacctg tggtagggcg aaagggattt tatataagaa     1560
gaaaatgaaa cacggatcct cagtgaagtg cattcggaat gaggatggaa cttggttaac     1620
accaaagtaa tttgaagtgc aaggaaaagg aaggaaacgc aagaactgga aacggaatat     1680
acgttggtgaa ggaacgaccc taggagagct gctgaaggta ttataaagac gggacagata     1740
ggtgacagggt ttaaactcct gaaggagaag tggagcttta agagcagaaa tgtgaagagc     1800
tcccgttagg attcaacagc atgatttata aggagttaaa tgttcataga aaaaaaactg     1860
tgggtgacaa agttaggagc acatattgtg                                     1889

```

<210> 8975

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (106)...(445)

<223> similar to gi2981631 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8975
gaatggggta tttgcaagca gtgaatgagg aggcctggaa ccaatcttct gctgatattg      60
aggcacaact gaaaaaggca tattacttaa atctcttatt gtattgtaaa ctgtataagt      120
aatgaaatta aaaggcagaa attgtcagac tgaataaaat gaaaagacca aacaatatgc      180
tgcttacaag aaacacaatt caaatataag gacacaatta gtttaaagga aaagaactgg      240

```

aaaagatata	ccatgataac	acaagtcaga	agaaagctgc	tgtggatata	ttaatatgag	300
atgtagattt	cagagcagtg	aatattgcc	ggcataaaga	aagttattac	ataataatta	360
aggtatcagt	tcatacaaga	gatgtaataa	ccctaagtat	ttatacaact	aatatcagag	420
cttcaaaata	catgaagcaa	aaaccagtg	ggaattgatag	agaaacacac	aattacac	478

<210> 8976

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (496)...(1052)

<223> similar to gi206716 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8976						
aaccgaatgc	gggtcagagt	cggctaacaa	cgactttctc	actatttcct	gcgctgaatc	60
gggtggccag	ggccccctac	tgtgacctg	gaacctcgac	ttcccacagg	gctgtttcct	120
cgctgtataa	ggaggagggg	cgttcagaga	ccacctcatt	ctgggtgctg	aatccaggca	180
gaatcagagg	gagattccgc	cttcccttcc	acgcagggcc	cctcgaggga	gcctgcgagg	240
tcttaagagt	ctgggagaa	acccgggggc	aggtgcacgc	cctaggcaag	acgccagggc	300
taaatcccg	gaagaacgg	aatcccttcc	cgatccggag	ggctgaccca	ctcagagcct	360
ccatgtgctc	ttggaggaca	aaagccccct	ttccagaagg	gagcgccaag	atgatcgctc	420
caggccgcac	gggcccttgc	ggggggccca	gagagtctca	ggggagggtc	tctgacccta	480
acactcgcag	gcagggtgga	cccgtctcca	gattccacgc	ccaggccgct	ttccccaggt	540
cctgcggagt	ccagccccag	caggacgggt	tgggcaggca	ccaaccagcc	cctgaccctc	600
ggctccaggc	caaaggggac	gctcaccacg	gctttgggtc	ttcccttctc	tggccgatgg	660
gaccggcggg	cgggcccact	ccaaccgcct	tcgcagacgc	cctcaccacg	gaagcaggcg	720
agatcctcaa	cctccgccc	gaaaccccc	accccagggt	accgaaaagc	aagacgcccc	780
cctccccctg	ccaagaccgg	cctggccagg	accccctggc	ttccgcctcc	aagcaggagg	840
cttcacgccc	acacacagag	gccgggctcg	aggccggagc	gcccggggga	gcccggcagg	900
ccgcgcgggg	aggaacctct	agtccccctc	caaaccctgg	gacttcaccc	ccaagctcca	960
tgctggcgcg	ggaagcccc	ggggccggcc	tttcgcaccc	caggccgccc	cgcgccgagg	1020
ccccaggctc	ccgtcggata	aaggaaacag	caccgcggcc	tccatttc		1068

<210> 8977

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (211)...(725)

<223> similar to gi2950243 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8977
aaggtctagc caacattcat tcgttcctat toccaagaccc tgcttatcaa cggtgcaagt      60
atttctacat aattttctct tccttttatg ctgtagagca taccgcttgt gggaaatgga      120
gggaaggccc acggtcccga caatgtttgg gcagggtacc tcgtcccagg tggatcgccc      180
accttactgc tgcatagacc tgctgtgtat cccggcccca gcccggccc cggcccgacg      240
tcctctagcc cctcttccca gcactcagga ccgcggattt cagatgacca aaggccaccc      300
tgtgacaaca gcgtcggaac cacggcactt ccgcctgcgg ccggtgagac taaaaatccc      360
agaagccccg cgcaagtctc gtcccactac cccccctcc catcacgact cccagaaccc      420
tccgcgagac gccagggcct cgaaatagaa caaaaccggc cgggtgggga gggggaagg      480
gaggggtctcg gaggacacag ggggttagag agctctctgc aaatgccgaa gacccaagca      540
ggcctgcgcg ctacccctcc ccgccccaca actgctaggc gcggagaccg cggcctgttc      600
cccgcgcctc ccgggaagct gaggaaggtc ccggacaggc ttccccgcgc gctcctgcta      660
agaggtccgc agaccctagc ccggtgtccc ccctccctct cataacgttc cccgcacacc      720
gg                                                                    722

```

<210> 8978

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (90)...(533)

<223> similar to gi4678718 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8978
gtacccttcc gttattcccg ggtcgacgat ttcgtggttg gaggaggtgt ggggccgttg      60
ccgccaggaa aaacagcact ggaggcaatg tttctataaa tcaaagaaga gacagtgtga      120
gaatgtcagc cctcaactgg aagccgtttg tgtacggggg gctggcctcc atcactgctg      180
agtgcggtac atttccaatt gatttaacca agacacggtt ccagattcaa ggccagacga      240
atgatgcaaa atttaaggaa attatatacc gaggaatggt gcacgcatta gtgaggatag      300
gcagagaaga agggctgaaa gcactctact cggggtgagt aggccttcat gcatttctgt      360
gtcactgttc actgtttcac atgggtatag acttcagacc aagactgcac agatcacaag      420
taaaaagtgt gaggtgtgtt tgaaaagaac aaatagcatg atagattttt cacttttaat      480
ttcaactcta atttctaagt atatatatta tgcagcagat gttttggaga aactgtttta      540
ctatattcaa gtacagacag acaacaataa aaaaatatgt ttgttttaaa acattct       597

```

<210> 8979

<211> 1210

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (692)...(0)  
 <223> similar to gi4584086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8979  
 ggaagtagga ggagagtcag gactcccagg acagagagtg cacaaactac ccagcacagc 60  
 cccctccgcc ccctctggag gctgaagagg gattccagcc cctgccaccc acagacacgg 120  
 gctgactggg gtgtctgccc cccttggggg gggggcagca cagggcctca ggcttgggtg 180  
 ccacctggca cctagaagat gcctgtgccc tggttcttgc tgccttggc actgggcca 240  
 agcccagtggt tcctttctct ggagaggctt gtggggcctc aggacgtac ccactgctct 300  
 ccgggcctct cctgccgcct ctgggacagt gacatactct gcctgcctgg ggacatcgtg 360  
 cctgctccgg gccccgtgct ggcgcctacg cacctgcaga cagagctggt gctgaggtgc 420  
 cagaaggaga ccgactgtga cctctgtctg cgtgtggctg tccacttggc cgtgcatggg 480  
 cactgggaag agcctgaaga tgaggaaaag tttggaggag cagctgactc aggggtggag 540  
 gagcctagga atgcctctct ccaggcccaa gtcgtgctct ccttccaggc ctaccctact 600  
 gcccgctgcg tcctgctgga ggtgcaagtg cctgctgccc ttgtgcagtt tggtcagtct 660  
 gtgggctctg tggatatga ctgcttcgag gctgccctag ggagtgaggt acgaatctgg 720  
 tcctatactc agcccaggta cgagaaggaa ctcaaccaca cacagcagct gcctgactgc 780  
 agggggctcg aagtctggaa cagcatcccg agctgctggg ccctgccctg gctcaacgtg 840  
 tcagcagatg gtgacaacgt gcatctggtt ctgaatgtct ctgaggagca gcacttcggc 900  
 ctctccctgt actggaatca ggtccagggc ccccaaaac cccggtggca caaaaacctg 960  
 gtgaggcctc cccttccca agtccattcc cactgtaggc cgatgcctgt gcaaaggacg 1020  
 cagtgccata tcagagagga tccttgaaga ggactcacc caagcaaggg aaaattggtg 1080  
 ggggaacttc tgccttcttg gtttcttga ctttggcctc ctctcttcc tccttatctt 1140  
 ctccaacctc ctctctttat ttgttcaca gactggaccg cagatcatta ccttgaacca 1200  
 cacagacctg 1210

<210> 8980  
 <211> 1108  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (693)...(855)  
 <223> similar to gi4809026 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8980  
 catatgaaca tttcaataaa ggtagaaaaa gcacttgata ttgaatgctt tcctcttgat 60  
 tttacaacca agacaaggaa gtccattatc actatttcta ttcaatagtg gacatactag 120  
 ccagcaacaa aactaaaagg tataaagatt acaggaaagt taaaccatct ctattcacag 180  
 actgcaagat tgtaatcaca taaattccaa aagactctac agactctaca gtcccacggc 240  
 agcccttcc tccgcgccgc ggcggcgcc cgggccacg tcacgctcgc gccattgttt 300

```

cccagccgct gctcgctggg accccgccag ccctcgagcg cggccattcg ccgcgttctg 360
ccctctcccc cctttcctca cgctgggtgg ggccctttcc tcagtcctgc tgatgtcctc 420
cagctgattc caggctgttc ccggccaccc ctgaggccgt cctttcgctt cttgtaaaaag 480
cctccccgcc tcttgagctc cctcggtcgc ctcccagaaa gccaacgggc ctctctggtg 540
gagcgctagg ttgacagcgt ttttagcagga ccgcgagaaa ccggggagat cctcttacga 600
ggaaaaactc caagattaca tccctgttat ctttcctcca agtagtttct gatcataagt 660
tatttgttta aaaatgatgt ttttaattaga atttatttga tggcttttaa aaaactttta 720
ctgacactca acatgtttgt tttttagga actgactaag actttggaac agaaaccaga 780
tgatgcacaa tattatcgtc aaagagctta ttgtcacatt cttcttgga attactgtgg 840
tgcagatgct aatttcagt actggattaa aaggtgtcga agctcagaat ggctcggaat 900
ctgaggtgtt tgtggggaag tatgagaccc tcgtgtttta ctggccctcg ctgctgtgcc 960
ttgccttctc gctgggcccgc ttctgcata tgtttgtcaa ggctctgagg gtgcacctcg 1020
gctgggagct ccaggtggaa gaaaaatctg tcctggaagt gcaccaggga gagcacgtca 1080
agcagctcct gaggataccc cgccctca 1108

```

<210> 8981

<211> 947

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(948)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (601)...(947)

<223> similar to gi2246532 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8981

```

tgctgacctc caaataccgt taagctggag cctcggtggc catgcttctt gccccttggg 60
cctcccccca aaccactacc accttactac cagacaacct tagccaaacc atttacccaa 120
ataaagtata ggcatagaa attgaaacct ggcgcaatag atatagtacc gcaaggga 180
gatgaaaaat tataaccaag cataatatag caaggactaa cccctatacc ttctgcataa 240
tgaattaaact agaaataact ttgcaaggag agccaaagct aagacccccg aaaccagacg 300
agctacctaa gaacagctaa aagagcacac ccgtctatgt agcaaaatag tgggaagatt 360
tataggtaga ggcgacaaac ctaccgagcc tgggtgatagc tggttgtcca agatagaatc 420
ttagttcaac tttaaatttg cccacagaac cctctaaatc cccttgtaaa tttactgtt 480
agtccaaaga ggaacagctc tttggacact agggaaaaaac cttgtagaga gagtaaaaaa 540
tttaacaccc atagtagggc ctaaaagcag gccaccaatt aagaaagcgt tcaagctcaa 600
caccactac ctaaaaaaag tcccccaaaa accttttaac tgggactccc tccaacaccc 660
catttggggc caatcctatc acccctatct ggaggaccaa tggtnnggta taaggtncca 720
tgggaaacat tttccccccc ggaaaagccc tnggggccag gtnaaaccct gggcctggca 780
attaacaggc ccaatttttn aattnaccca ncaagggnnt tttccccac tgggaacccc 840
aaaaaggggt gcctataggg gaggggttaa aaaaaaaa acccgagggg ggccggnncc 900
aantggccca aagggggggg ntaaaatnac agggnggggt taaaagg 947

```

<210> 8982  
 <211> 512  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (100)...(506)  
 <223> similar to gi56520 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8982

gcgttctgta	attcggcacg	agaaattaga	aagcagtggc	agaagaaaat	ttgggaaatt	60
cacaaatatg	tggaaattaa	acatttataa	aaacaatgaa	tcaaagaaga	aatcacaaag	120
gacattaaaa	aatactctga	aatgaataaa	aatgaaaatg	caacatacca	aaacttatgg	180
gatacaataa	aagttgtgct	tagagggaaa	ataatagctg	aaatacttat	atattttaag	240
aagatctcaa	atcagtaacc	cagacttcca	ccttaagaag	ctagaaaaag	gagagcatac	300
taaaaccaat	acaagctgaa	gaaaggaaat	tattagagtg	gaaataaata	gaatagaaaa	360
acaatggaga	aaataaacta	aaagttggtg	ctttgaaaag	atcaataaaa	ttggcaaagc	420
tttagctagg	ctgatgatga	aaaaagagga	ctcaaattac	taaaattaaa	aaaaaggagg	480
aaaaagtatg	acctatttca	caggtcttaa	gg			512

<210> 8983  
 <211> 1403  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (150)...(1405)  
 <223> similar to gi5834567 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8983

ctctgtaatt	cggcacgagg	tgcaacacgt	gggggcggtg	cgggtcggag	ggctcctagt	60
gcgccagggt	gtgggaagtg	aggctggcgg	tggcgacaac	cgaggaggag	gggaggagag	120
ccgtggagca	cggcgaccgg	ctgagcgtca	tggagggctc	aggggagcag	ccgggcccac	180
aaccacagca	tcccggagac	caccgcaccc	gcgacggcga	cttcgtggtg	ctgaaacgtg	240
aagatgtggt	taaagcagta	caagtccagc	ggagaaaaaa	agtaactttc	gaaaaacagt	300
ggttctacct	ggataacgtc	attggccata	gttatggaac	tgcatattga	gtgaccagtg	360
gaggaagtct	acagcccaag	aagaagaggg	aagagcctac	tgagagagct	aaagaagcgg	420
gcactgataa	tcgaaatata	gttgatgatg	ggaaatctca	gaaacttact	caagatgaca	480
taaaagcttt	gaaggacaag	ggcattaaag	gagaggaaat	agttcagcag	ttaattgaaa	540
atagtacaac	attccgagac	aagacagaat	ttgcccaaga	taaatatatt	aaaaagaaga	600

aaaaaaaata	tgaagccatc	attactgttg	tgaagccatc	cacccgtatt	ctttcaatta	660
tgtattatgc	aagagaacct	ggaaaaatta	accacatgag	atacgatata	ctagcccaga	720
tggtgacgtt	gggaaatata	cgtgctggca	acaaaatgat	tgtgatggaa	acgtgtgcag	780
gcttggtgct	gggtgcaatg	atggaaacgaa	tgggagggtt	tggctccatt	attcagctat	840
accctggagg	aggacctgtt	cgggcagcaa	cagcatgttt	tggatttccc	aaatcttttc	900
tcagtgggtc	ttatgaattc	cctctcaaca	aagtggacag	tcttctacat	ggaacatttt	960
ctgccaagat	gttatcttca	gagccaaaag	acagtgtttt	ggttgaagaa	agtaatggca	1020
caactggagga	aaaacaggct	tctgaacaag	agaatgaaga	cagcatggca	gaggccccag	1080
agagcaacca	cccagaagac	cagggaacaa	atggaaacaa	tttctcaaga	tccagaacat	1140
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caaggaagga	gcagcggaaa	agacttttgg	ggctgccgct	ctgcttgagt	tgaaaggaaa	1260
cgccgatggt	tttatttggt	agcttgttct	tttccacccc	actcccctgc	tgctgtcttt	1320
gctggacttt	gtggccctt	caaggccgtt	tgtggtctac	tgtcagtaca	aagagcctct	1380
gttggaatgc	tacacaaaac	tgc				1403

<210> 8984

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (91)...(452)

<223> similar to gi473945 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8984

ctgcgctgca	ggaattcggc	acgaggaaaa	aactactttt	aaggaaatat	agcatctatc	60
gtgaacgtgg	aaaagtaaag	ataattcacc	atgcctgctg	tggctttagt	tcctaaagaa	120
ctctacctga	gttcttcact	aaaagacctc	aataagaaga	cagaagttaa	accagagaaa	180
ataagcacta	agaggattac	gtccattcaa	tacttggaac	tgcaaacatc	aaaaaagcca	240
ttgaagaagc	tgaaagactc	tctgagagcc	ttaaactaag	atataaagaa	gctgaagtcc	300
ggaaataact	tgaggaaaag	gacaggcaga	aggaagcaca	gcaactacaa	caaaaaaggc	360
aggaaacagg	aagagaggat	ggtggcacat	tggctaaagt	ttctttggag	aatgtattgg	420
attccaaaga	caaaacccca	aaagggcac				449

<210> 8985

<211> 5989

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5344)...(0)

<223> similar to gi3059111 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8985

ggccccgcag	aggacttgcc	tccaccgcca	cctgcaagtc	cgcccagctg	gacttctgcg	60
caggctccag	gagttgtttg	ctgtctctat	gtcaaccacg	tagctggagt	ctgaagatgg	120
agaccaacga	gtctacggag	ggatcgcggt	cgcggtcgcg	atcttttagac	atacagccca	180
gctccgaagg	actggggccc	acttcggaac	cgtttccttc	ttcagatgac	agtcccaggt	240
cggccctggc	agctgcaacc	tcagcagctg	cagcggctgc	atcagctgct	gcagctactg	300
cagccttcac	cactgcacaa	gcagctgcat	tatctacaaa	gaccccagcg	ccctgttctg	360
agttcatgga	gccgtcctct	gaccccagcc	ttcttgggga	gccctgtgcg	ggacccggct	420
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gctctggggc	tgttcttggg	tccagctcag	gtgctggcca	tggctctggc	tctggctctg	600
gtcctggctg	tggtctctgc	cctggctctg	gctctggctc	tggtcctggc	tctggctcctg	660
gctctggctc	tggtcatggc	tctggctctc	atcctggctc	tgcctctggg	cctggctccag	720
acactggccc	tgactctgag	ctcagccctc	gtattcctcc	agggttcaga	aacctgggtg	780
cagatcgggt	ccctaactat	acctcctgga	gtcagcactg	cccctgggag	cccagaaaac	840
aaccaccttg	ggaatTTTTT	caagtcttag	aaccgggtgc	ccgaggacta	tggaaacccc	900
cagacattaa	aggggaagctt	caggtttgct	atgaaacttt	gccgcggggc	cagtgcctcc	960
tctacaactg	ggaggaagag	agagccacca	accacctgga	tcaagtccca	agcatgcagg	1020
atggctctga	gagttttttc	ttccgacacg	gacaccgggg	actgctgact	atgcaactaa	1080
cgtcacccat	gccctccagc	accaccacga	aagactcgta	ccagccacca	ggaaacgtct	1140
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cacaccatga	ctaccgaatg	gagctggcac	aagcaggggac	tcctgcccc	acaaagcctc	1320
acgactaccg	ccaggagcaa	cctgagacct	tctggataca	gagggcacca	cagctgccgg	1380
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ctttctgagg	ggtgaggagg	gaagtggggg	atggaatatg	gaatctattt	ctgtctgcac	1740
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ctctttcatc	cccaagactg	ctaatttagt	gattctgtga	gtcactgtgt	gcatacccca	1860
taacctttcc	ttgggattgc	ccctatccca	cactatgaca	tcagaacttt	ttttattatt	1920
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ctacaacttc	catataaggt	aggttttttt	gtggctgttt	tcatttgcac	atgaaaatgt	2100
ccattttctg	tgtgtgcaga	catggtggcc	attgcccacc	caggtaccag	cagcagaaga	2160
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gggggggtcct	cctccgaaca	atgtgtgtaa	gccaacattg	tccatcgagt	ggatggtaaa	2760
actgttcaaa	ggctcaaccc	gtaaaagttc	tcctccgttt	aactggctct	gcacctgatg	2820
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caaagtctgg	ccgctcagct	gggtcctgag	cccaacatcg	ctccatcagc	aaaactagct	3060
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agggcatggc	tgtcatcagg	ttcagcagtt	gatcggaagc	tggccaggcc	atagtctgtg	3360
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gaaataatgc	tgttgtggag	aaaggccatg	cccttaacaa	ggtcattaat	gagtgaataa	3480
cgaaacatcc	agtccaagtt	gatgctgtca	ttttctagaa	tatcctgtaa	actcccacga	3540
ggacagtatt	cagtgcacaat	gcaaatgttg	ggagggtcta	tgcaggcgcc	aatgaagcga	3600
gtgagatggt	tgaactgaac	atctctcata	tgtttgagtt	caaacagaa	ctgccgggtc	3660
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gtgttgga	agatctggta	tttcccatgg	gctgtcatga	gcgagccgta	actggatccc	3780
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tgcagttctt	cccagcgaat	acgccacaac	atgctagcca	gctccttctc	cagcatcagg	3900
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gccacaattg	ccagggttga	aagtggagtt	ttatcacagg	atgggtcgtc	caagtcaaag	4020
gcacaggggg	gattgtccga	gggaggagcc	cccttcaccc	agggaaatag	ccgtcccgtc	4080
caccaaattc	gcttctcagc	tcccgagtag	tgggctgcag	gctgaaagtc	cccagaatcc	4140
aggtctccca	tggcccagag	gacaaagtca	gtctctcggt	cattgttctt	gtccatgaca	4200
accagcccag	ttacaccgtg	atatcttcgt	ccctgcattc	tttccacaat	tcgaagtcca	4260
tcttcccggg	tgcctccttc	ctgtattgtc	tcattcagga	cttcagcata	tagcaggatc	4320
ccatcataga	agcagccagc	gatgaggttc	atcagggaa	ggcccagctc	cacaccaaag	4380
tcttcccggg	ctcttatcag	cagacgattc	tggaaattcc	gatactcagg	atttgggggt	4440
tctcggtacg	tgatcaccaa	tacagtctga	aaggcctctc	tgagggcctg	ggcctgttcc	4500
cgggtgcgat	tgtcctgcca	gggcccgcct	gtatcacttg	tggggcctgc	acggagactc	4560
tcccaaaga	catccaggta	aaagaagaca	taatccccat	tggtcagatt	ctccctctgg	4620
gcctgaagca	ggatctcatg	cagcatctcc	agagggccgc	agatatacac	aatgcccgcg	4680
ttggcccga	tgaagtgggt	ggcctgctcg	gggccccctg	gctctcgggc	atacacctgg	4740
tgctgcacac	tgaggttgct	gccctgcagg	gcctcaaaga	cgccctcgat	ggtgaagtag	4800
ttagggccgt	catctgtgcg	agcatccagg	tagagcaagg	cagcacgggc	agtccaattg	4860
aagtgcccg	gtagtgtcac	cacaaactca	cccagcttgg	gagcagaggg	gccagtgcga	4920
accagggtag	gataatgggt	attcttagcc	gaaaaaccag	aggccacagc	acccgcagtc	4980
agcaggggaa	ggcgccagtg	ggaggcaaa	cgggccacag	aggcagcagg	gtacacgcaa	5040
ccgggaccta	acagcaggtc	ggggtcatgg	tacagcttga	ggtccacagc	gctcagcggg	5100
gccaggtact	cagagcaggc	gccttccagt	tgggagctga	caaaccgcag	gtccacgggc	5160
agtgcgccgg	ccagagcctc	cacagctagt	gccacagcgg	gtcccacccc	tggccaggcc	5220
caggcatagc	tcaggttggt	ttctggcagc	accaccgcca	gcgtcagggt	ccgcgccccg	5280
ggaggacgca	ccccacctgc	cagggctgcc	accaacagca	gaagtgatgg	cagcgccatg	5340
gggataaagc	agcagcccca	ccgccccccg	aacttggggc	tgtctgggcc	tacaggggag	5400
acgcgagcac	ccccagcctt	ggagcctggg	gaagagggcc	aggaagagga	ggagttaggt	5460
aggtaggctg	ggatgcagaa	ggtgctgggg	gccggggaga	ggagggggag	atgggaggaa	5520
ggcggggggc	gggcaaggag	tgggctacca	gcctagggca	aggactgagg	actgagaacg	5580
gggtgtaggg	gggataagag	tttagggaga	ccaattggaa	ggctgttggt	agaggttgta	5640
gtggcttgga	gaaaggtgag	gatggtagaa	catgggcaga	tcccctttct	gtgttgagga	5700
tggttacata	caagaggact	tgctgatggg	tgggatgtaa	gctggtgtaa	ttaaacccat	5760
ttcacaaatt	cagagggaaa	ttgtgcccta	acaaggtaaa	gagacttgct	taaggtcact	5820
caccaatcag	tggcctcaat	gaggttcaag	ccagatccct	gtagcgccaa	agcctatgct	5880
cctaaaagtc	agttgattta	taatgcta	cagatttcta	ataaatttaa	gttgagctca	5940
ttggtcattc	ctaaataagc	ttttgtgtag	ataatatctt	atgtggccg		5989

<210> 8986  
 <211> 2418  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1740)...(2114)  
 <223> similar to gil072409 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8986  
 cggagattcg tacgagcggc accatggccc cgcgggggcg gcggcgggccg cggcctcaca 60  
 ggtctgaggg cgcaagacgt tcaaagaaca ctttagaaaag aacacattcc atgaaagata 120  
 aagctggtca aaagtgaag cctattgacg tgttcgactt tcctgataat tctgatgtct 180  
 caagcattgg caggctgggt gaaaatgaga aagatgaaga aacttatgag acctttgatc 240  
 ctccctttaca tagcacagct atatatgctg atgaagaaga attctccaaa cattgtggac 300  
 tgtctctctc ttcaactcct ccaggaaaag aagcaaaaag aagttcagac acttctggaa 360  
 atgaagcaag tgaaatcgaa tctgtaaaaa ttagtgcaaa aaagccagga agaaagctca 420  
 ggcccattag tgatgactct gaaagcattg aagaaagtga tacaaggaga aaagttaaatt 480  
 cagcagagaa aataagtaca caacgtcatg aggttattcg aaccacagcg tcttcagaac 540  
 tttcagagaa accagctgag tctgtcactt ctaaaaagac aggaccctt agtgcccagc 600  
 cctctgttga aaaagagaac ttggcaatag aaagtcaatc gaaaactcag aaaaaagggg 660  
 aagatatctc atgacaaaag gaagaaatca agaagtaaag ccataggctc agatacttct 720  
 gacattgtgc acatttggtg tccagaagga atgaaaacca gtgacatcaa ggagttgaat 780  
 attgttttgc ctgaatttga gaaaaccac ctagagcatc aacaaagaat agaactctaaa 840  
 gtttgtaagg cagccatcgc cacattttat gttaatgtta aagaacaatt catcaaatg 900  
 cttaaagaaa gccagatgtt gacaaatctg aaaaggaaga atgctaagat gatttcagat 960  
 atcgaaaaga aaaggcagcg tatgattgaa gtccaggatg aactgcttcg gtttagacca 1020  
 cagctgaaac aactacaaac aaaatatgat gaacttaaaag agagaaagtc ttcccttagg 1080  
 aatgcagcat atttcttctc taatttaaaa cagctttatc aagattatct agatgttcaa 1140  
 gctcaagaac caaacgtaaa ggaaacgtat gattcatcca gccttccagc tctgttattt 1200  
 aaagcaagaa cacttctggg agccgaaagc catctgcgaa atatcaacca tcagttagag 1260  
 aagctccttg accagggatg agaagagcag tctactaaaa tgtgcctata ggaagactag 1320  
 tctcatgctg ttaccttctg aaactgtacc tttataaaatc aattgttttg caaagaagtt 1380  
 atggcctact tagaatctaa aatttggtat tcaaattaaa tggctgtgaa caatgttaaa 1440  
 tagcatcagt ttgtccaata gttttaaagg ccataatcat cttttctggt taatatcttg 1500  
 agtaatttta aaatgttgac accttaatcg gtcccaggta tgagctataa taaacttgta 1560  
 aaattaagtt gatgtgaaca taattttgat taattaataa ggcgatttct cctgaattta 1620  
 caccaaagct aatttttaat gaaattgggt ttacaggaag gtaaaaaaca aaaattggga 1680  
 aaggcaaagt aataaaactt agtttatata aacaggttga atgatatatt tatcaaactt 1740  
 cacagacatc aggcaaatta tagcctgggtg acaaaagtgt tcatagtga ttagttactc 1800  
 ttgtaataact tctataatta gttcatcagg aatttcatcc acttcactgt tataactgag 1860  
 aagactgttc tctgcagctt cagctaattc agcatcttca gtagcttcta aaaaataagc 1920  
 atcatcaatg ccattatccc agacagcatc agcagatgca cctgttgaca gcctgctagg 1980  
 tgatggttta tgaggattct gggtttcatt gctcctagtt tcatctgctt catctgttgt 2040  
 aaactcttct tctcttttga aaaaaaacag gagacatact tcagcaggta atgggaaaca 2100  
 gtcagatttg aagttttttg ctttacatac agggctcatga cattttttat accaaacttc 2160  
 atttttcaga tcaaccagaa tcctttttgt ttaaaaaaaa aaaaaagtat taataccaag 2220  
 actgggtaga aaacaaaatc cagctgcatt ctgttccaag aaatatgcct aagacttaaa 2280  
 gatggagaaa aattaaaaag taaaaggata aggatagata cataccaatc aaaacggtgg 2340  
 ttgccaaaaa tcacacaaaa tgaactgcag ggcaaaaagt agatactgat gaaagttccc 2400  
 ccaggaagat gtaacaat 2418

<210> 8987  
 <211> 1166  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (800)...(1164)  
 <223> similar to gil644232 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8987

atgttcccac	gaaagcgata	ttcccgtcca	cccagtgtaa	aacgccggcc	cgtagcccttg	60
cttattatta	agcatccatt	taggggaaag	gtttcaatgc	gccgtcccgt	gttaagatag	120
ggcccccaa	ggaaccttta	aaaaggcccc	cccctttttt	tttttttgaa	agtataaaaa	180
tcattttact	ttaatacaaa	atcacataaa	gaaaggcatg	ttggctaaat	caaataattca	240
ctaaatatca	gtgaagtcac	cactggaatc	tcaatagcac	attttcctgc	tttcttttct	300
cccttctgct	aaccattgaa	gaccaggggtc	atccgtggga	gcagatgagt	aggacacgcg	360
tctgcacgct	ggaggccctg	ggggttgaca	tgggagcagg	aagtggaccc	ccccaccctg	420
cacatccctt	ctgtttttct	tgatttcagt	ctcactggcc	caggccaaat	cttcaagggt	480
gtctagtctt	gcagccaggg	agaaagtgat	gccaaagaaa	cctcgtctcc	tccctcctca	540
gtctgctttg	aaggggaaat	aaatacacag	gcctagtgtg	tctgtgtggc	acagggaggt	600
ggttttgcca	ggcatcttgg	aagggtgtct	tctagaatca	gagccatagc	cttacttgtg	660
gccttggatc	taggtctgtt	tccccgatcg	aaaaaagaac	agctttttta	tgattgtctt	720
ctcctccttg	ttcctgccag	cattttttggc	actagtaacc	acagcatctt	tttctcttct	780
tcctcctggg	ccttctcttg	gtggaatcag	gccactcccc	gctggccgga	gggctctgtc	840
tccgcagccc	ctccacctcc	ttcctgaggt	ggtcctcttc	catcttcagc	tcctccagcg	900
ccaggtgcc	ctcattcacc	agcgctcca	gcctctccag	gacgcggacg	actttgaact	960
gcagctgctg	caccgggggg	tcgctgcca	gggccataag	ctcgcgcccc	aacaggtagg	1020
agatgtcata	cacgtcctcg	gcggtcagct	ggaaggggct	cttgcccagc	gccccctcgg	1080
gcccacctc	gtccctctcc	tcgtcctcct	ctccctcttc	ctattcctct	tctcgcacag	1140
ggggctcctc	catggccacc	cagacc				1166

<210> 8988  
 <211> 791  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (391)...(792)  
 <223> similar to gi436923 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8988

ggctcaagtg	atcctcccac	ctcagcttcc	aagaatgctg	ggattacagg	tgtgagccac	60
tgacactggc	ctagattaat	ttttattagt	cattcgtggg	gactagaaaa	gatggaatct	120

ctgtatatag	ggttcaaagt	ttaataagta	tctgttaagc	tcaatcttaa	tatatccttg	180
tttatacttt	gcctcattga	tgtgccaaag	cataggatgt	attaaagtct	ctcgctagca	240
tactaattcc	attatatgtt	ttcttctgga	gcctcaagtt	tcttatttat	acatttgaat	300
gcaatataat	ttggtactga	aagtttcata	acagtttaat	ctttgctgtg	aattggtgcc	360
tttgtcagta	taacgtgatc	cactttctcc	tatttaatac	tttttctcct	taaattcttc	420
tttttattaa	tagcataatc	tccgctttct	ttcttgatg	tccgctttct	ttctttccct	480
ggtggttttc	tttaagcttt	ttacatgtca	ctgtatttta	gttggtttct	ataaacagca	540
tgaagttgga	ttttatat	ttacctaac	tgagagtta	tttattttta	taacttttat	600
ttttatcttt	tgtcattttt	ttctattatt	tacatatatt	atgcttctat	tctgcttttt	660
tcattttctt	tgacaactat	tattgaatga	gtaatgtatt	ctttattttt	aatcttttct	720
agtgggtgtg	gtgtgtatac	acacatatat	ttacatat	atatatacag	acatatatac	780
actagattat	a					791

<210> 8989

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (106)...(715)

<223> similar to gi3063706 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8989						
gccgtcaggg	caggagctt	ccaaaggcca	gtccgagtc	atgccaggcg	tccactaaat	60
ctgcctctcc	ctctccagcg	agcagggtga	gccctcaact	cctgcaggcc	tggggagcgg	120
agacagggcc	tgtaggctcg	gacacgaccc	ggctcctgatt	ttaacagtag	acttgagaag	180
gcaagctcag	cagacaggct	gctggaggat	ccaccgcgtg	tctcccgcag	cggcccact	240
gaagcggcag	aaacacacag	aagcaccaaa	tctgtcactc	tcttcccgtg	ggaagtcccc	300
agaggtgcc	ctccggagga	tggtcctggt	ggctgaagat	atgaccacac	ctgtgcctgc	360
ccagggccac	cttcagcttg	gcaacaggaa	ctccgcacac	tggtaccctg	gacacacaag	420
gaaaagaaa	ttccctccaa	gagggtatct	ggcccagcct	cagccccacc	aagcggaggg	480
cagcaaagcc	cccgaatgat	ttcgcttacc	cccaccgcgc	gtccctgctg	gccagacagg	540
cacaccccg	ccatagggca	ccccctcccc	acggtatcca	gctgcctcgc	cgtecccg	600
tgcccgctcg	cctgcccgc	agaccggac	acggggccag	gagggtcgcg	ctgcccaggc	660
acagatcagc	cgctgtcaca	cgcacagtgg	gtctggggca	gcgcaggaat	tccaccgcac	720
tggactaatg	at					732

<210> 8990

<211> 1120

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (96)...(993)

<223> similar to gi3127193 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8990
caaggctgta ggagttcttg agctgctggc tggagaggag ggtggacgaa gctctctcta    60
gaaagacatc ctgagaggac ttggcaggcc tgaacatgca ttggctgcga aaagttcagg    120
gactttgcac cctgtggggg actcagatgt ccagccgcac tctctacatt aatagtaggc    180
aactggtgtc cctgcagtgg ggccaccagg aagtgccggc caagtttaac tttgctagtg    240
atgtgttggg tcaactgggct gacatggaga aggctggcaa gcgactccca agcccagccc    300
tgtgttgggt gaatgggaag gggaaggaat taatgtggaa tttcagagaa ctgagtgaaa    360
acagccagca ggcagccaac gtctctctcg gagcctgtgg cctgcagcgt ggggatcgtg    420
tggcagtgat gctgccccga gtgcctgagt ggtggctggt gatcctgggc tgcattcgag    480
caggtctcat ctttatgcct ggaaccatcc agatgaaatc cactgacata ctgtataggt    540
tgcagatgtc taaggccaag gctattgttg ctggggatga agtcatccaa gaagtggaca    600
cagtggcatc tgaatgtcct tctctgagaa ttaagctact ggtgtctgag aaaagctgtg    660
atgggtggct gaacttcaag aaactactaa atgaggcatc caccactcat cactgtgtgg    720
agactggaag ccaggaagca tctgccatct acttcactag tgggaccagt ggtcttccca    780
agatggcaga acattcctac tgcagcctgg gcctcaaggc caagatggat gctggacact    840
ctccagttat ccaatcaaga gtatgatggg tgccccatt gtttaccgga tgttgctaca    900
gcaggatctt tccaggtgat ggggctttga ggattggtaa gagagtctgg ccccatcccc    960
ctgactccct cacatacatt catgcctatc tatctgaatc tctcgcacac agagagcccc   1020
atgaagccat ttgcatcatc aaagcaccca gaaaccaggt ctagtcctga gtggactttg   1080
gttccaggga ggctgagggc aaacatttat ttctcttctt   1120
```

<210> 8991

<211> 1573

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (163)...(1573)

<223> similar to gi4106549 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 8991
tttcgagaag gggcgaggcc cgtttgcagg ggccgctcgg cccggggaag cccgcgcccc    60
gctcagcctt gcagccccgc gcccgaggca tctccctgga ggaacggaga caaaggagga    120
ttcatgtcca aagggtctcc agagaccagg acggacgcag ccattgtcaga gctggtgcct    180
gagcccaggc ctaagccagc ggtgcccatt aagcccattg gcatacaact caacctgtgt    240
ggctacatcg gcatacgacac catcatcgag cagatgcgca agaagaccat gaagaccggt    300
ttcgacttca acatcatggt cgttggccag agtggactgg gcaaatcaac gctggtcaac    360
acgtctttca aatcccaagt gagccgcaag gcctccagct ggaaccggga ggagaagatc    420
cccaagacag tggagatcaa agctatcggg catgtgatag aggaaggcgg tgtcaaaatg    480
aagctgaccg tcatcgacac ccaggcttt ggagaccaa tcaacaatga aaactgctgg    540
gagcccattg agaagtacat caatgagcag tacgagaagt tcctgaagga ggaggtcaac    600
```

atcgccagga	agaaacgcat	ccctgacact	cgtgtccact	gctgccttta	cttcatctct	660
cccacaggac	actccttgcg	acctctggat	cttgagttca	tgaaacacct	cagcaagggt	720
gtgaacatca	tccctgtcat	tgctaaggct	gacaccatga	ccctggagga	gaagtctgaa	780
ttcaagcaaa	gggttcgcaa	ggagcttgaa	gtaaatggca	ttgaattcta	ccccagaag	840
gaatttgatg	aggatttgga	ggataagacg	gagaatgaca	aaatcaggca	ggagagcatg	900
ccttttgctg	tggtgggaag	tgacaaggag	taccaagtga	atggcaagag	ggtcctcggc	960
cgaaaaactc	catgggggat	catcgaagtg	gaaaacctca	accactgtga	gtttgccttg	1020
cttcgagact	ttgtcatcag	gacccacctc	caggacctca	aggaagtgac	acacaacatc	1080
cactatgaga	cttacagggc	caagcggctc	aatgacaatg	gaggcctccc	tccggtgagc	1140
gtggacacag	aggaaagcca	cgacagtaac	ccatgacgac	cacttctctg	tgatcatcaca	1200
catacccact	tcacacacac	acatcccaaa	taccaccacc	aaccaccttc	ttcctctcaa	1260
ctctgtccca	caggcctgtc	tggtatttgt	ggagcatctt	gtctgtgtgt	gtgtgtgtgt	1320
gtgtgtgtgt	gtgtgtgtgt	gacagagaga	gagcgagaga	gcctgtgtgt	gtgcatgcag	1380
gggagaggta	ttttcactgc	cctccctgga	gagtccttg	taagtgtggc	tcctccatgc	1440
ctgtccatta	tctgtctcct	ttttttgtgt	cccaaaaaca	agctgtttgc	ctcactcaag	1500
agatctgggg	gagggtttat	ttaaaagtgc	tgggagcagg	tgaccacagg	caactcttct	1560
ctcggaacct	gcc					1573

<210> 8992

<211> 1150

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1151)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (532)...(1150)

<223> similar to gi3877563 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8992

taacagggtta	aagaagtgcc	aaccttcctt	cctgggtggg	gaagggggccc	aagcttggcc	60
ggggcgaaaa	gttttnaagc	accattgggg	gttttctgta	agtgtggagg	gtttggacca	120
gggtgggcct	gtgccggg	ctctccacct	ggtgcctttg	acagacactc	cgggctgtcg	180
gtaaggagtc	aagtacctgc	cggcagcccc	cgctagtttt	cgatttcccc	ccagcactgt	240
ccgaaaactt	gaagggcgac	ttcaacttgt	cctgcttggg	gagggagagg	gccttgtcga	300
gcttgcttgc	caactgctcc	tggtcgctgg	ccatcttctt	cttcttaatc	tttagctgac	360
tgatgaagtc	cgacgaggcc	tcatgttcat	cccaagtctg	gttctctctt	ctggctttcc	420
ccattccgat	gagggcatca	tgttcctcct	cagaccctt	gtgtctcttt	cttatccctg	480
ctcccagctc	ataatcatct	gatgtcagca	gagacttgct	gctcagcttt	ccgctactgt	540
ggcgcctctt	ccctctcttg	cggggggg	acagggcgct	cggggcgagg	gtccggtttcc	600
gcggcctgcc	agggcctctg	cgtgccaaagc	ttctatgggg	ttcctcgcg	ctgtcctcgg	660
agtcgccg	gcgctgcagc	ttcaccagct	cacgctgctt	ctccttgtac	tggcgctgca	720
cctcggccag	ccgcatccgg	aagtccagct	ccagggcgct	catgtcctcc	agggaggact	780
tcatggcata	catccgctcc	tccttcttgc	gcacccagct	gtacttcttg	ttgggcttca	840
gctcccgagg	gagccgcagg	ttcttgagtg	ggtccaccac	gggcccattc	agcacctccc	900

tcagcatgtg	gctgccagct	gccagcagac	tctccagga	gggccgcgcc	accagggccc	960
gctccgcacc	tcccatctct	tggtctctcc	tctccagctc	cagctctgcg	atctcactta	1020
gcaggggtgat	gccatgcagg	aagctctgct	ccaagacaag	gctctcggct	gcttccagct	1080
tctccaaggc	ctgggctcca	gcagcaccgc	gggagggcag	aggcctggcc	tggggcagct	1140
ccgcagctgc						1150

<210> 8993  
 <211> 1649  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1650)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (440)...(1649)  
 <223> similar to gi340011 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8993						
ccagccaggg	nttagcccta	cctangtgan	aaaattaaaa	nacaaaagaa	tgnggggttg	60
ggctcacaag	canttcaaca	aaccaaata	canaagtga	ctgcagggga	acctgggctt	120
agggcacat	ttggcactac	acgggctgta	gcgttcacgg	gcttaaagac	caaaaaagac	180
agtatgctta	caatttctgg	acagacctac	tatacaagga	caatcacaga	caaagccaga	240
ttgcaaagac	tgtttataaa	tacctacata	ttcaatgcac	agatatcaat	gtataactac	300
aaagatgaag	aacagtcagg	gaaacatgat	gtcaccaaac	agacaaagt	ccagtggctg	360
actctaaaga	ggcagagata	tatgacattc	ctgagataat	tcaaaatagc	tgtctaaagg	420
tataaaactc	cctggtaaaa	ataactcagg	aactgataac	caaatgatga	tgatgatgat	480
gatcaaccca	gaggactggt	tgaattcggt	gctcaaacca	gagaaaaaca	ctgtcctact	540
aatgatgact	attttaata	aattgattgg	tcattactgt	caagcaattg	aagtaatttg	600
tccagataca	tataaagatg	aaggttttgc	tcaaattcaa	gtgagattca	acagctgaat	660
taaagctatt	caagagccag	atgatgtata	agtggctata	gcaaactgca	agacatttgc	720
ttttgtgcat	atatcttctg	cacagtttga	aatgtctcaa	ggtaatttca	aaaaaagtaa	780
acaccttctt	cataaagctg	taaaatgtgg	agcagtacca	ctagaaatgc	tgcaaatgac	840
cacgcagaat	tgaaacctcc	aacaaagtag	ctgctttcag	cgaaggaaaa	gagttcatca	900
acattgacaa	tattaactac	ccaagaatca	ttctctagtt	cattgaacat	ttacagaata	960
ggaacatgct	gtaattaggc	aattaggcaa	gagaaagaaa	aggcatctaa	attggaaagg	1020
aggaagttaa	ctgtctctgt	ttacagatga	cacgatcata	agtagagaaa	atcctaaaga	1080
ctccacccaa	aaaactgttc	gaactaaaaa	acattcagta	aagtttcagg	atacaaaatc	1140
tacaaacaaa	aactagtatt	atttcttttt	tttgagacaa	gatctcactc	tggtgcccac	1200
gctgaagtgc	agtgttgcaa	tcacagctca	ctgcagcctc	aactccctgg	gctcaaccaa	1260
tcctcccacc	tcagcctccc	aagtagttgg	gaccaccaca	cctggctaac	ttttgtatta	1320
ttttgtagag	aaagggtttt	gccatgttgc	tcaggctggt	ggcaaactcg	cgagctcaag	1380
caactcacct	gccttggcct	cccaaagtgc	tgggattaca	gccataaacc	agtatcattt	1440
ctatacatta	atggtgaact	atatgaaaaa	gaaatcaaga	aaatcccatt	tacaatacaa	1500
ttaaaaaaaa	atatatatat	atatatctag	aaatacactt	aacctgggtg	aaaaatctct	1560
aggatgaaaa	ctataaaaaca	ctgatgaaag	aaactgaaga	gccaaataaa	tggaaagtta	1620

tcctgtgttc atggattgaa agaattatt

1649

<210> 8994  
<211> 1468  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (640)...(1468)  
<223> similar to gil322994 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8994  
ttaaatacaa ggctatctta tcactttagc tatatgatta cagctctttc aagtagtttt 60  
cctttggtac tagaaagtca tttttctaaa gagcattaac atttcaaata agcaaatttt 120  
atttagagat gtaaacaatgt aaacattaaa aactcaacta aattttatct ttattatgat 180  
gggcactgat ttaaactatt aatgaaaata tgtcatgtca gagatataaa gaagaatata 240  
tcaccagat agtaacatgc aattaatttc catttgatta atataattgg tgatttaaca 300  
cacatacata tatacacagt agtttggagc aatatatagg caaaacacca taataattta 360  
tgcacagtat ttaagaatgt gggccttgat aacagaattc caacaagatt ttttttagtg 420  
tattaaatgt aattggataa aatacaatta aaagcagcag tgaatatatt tctctatctc 480  
actaactgaa aaaaacttat ttatgtaaac tttatacatg tgcattcttg ctcttttcta 540  
tatgttttac agttcttggg tcttctttta aaatagtatt tgccactctt cttaaattttt 600  
gaatagtcta aatggaggga actgcttggt atacattagt cttcttcagc atcatatgcc 660  
acttctgcta cttctatctc tgatacagca ttttcagggt cactaaaact taagcatggg 720  
ttattatcag ctctagattc ttcattccagg acatcttgat caacctcaag tgcagaggac 780  
tccaccttta ggatctgttc accttctgtt tctgacacat ccagtgatcc ttcagggtct 840  
aaagacaatg ttctgattct gttctctaaa gtgtctatat gaagttgctt ctactgagc 900  
agtttcttta gtgattccat ctcttttgtt ttttcaagta gttctttctg taagcggtag 960  
tttgtctctt ctaaagtttc acagaatgcc ctgctttcct ctaggctatc aaatggaccc 1020  
ggtggatcat ccaaacaaag aaattctctc actgcaaggc agttagcaat gtccttgatga 1080  
gctactaaat tttgaagaaa cgcttgtaat cctaattgtc tgtcttctaa aaagtcagca 1140  
ttgtaattat ctttaaacca gcgttttgga ggaagtgtca gtcgaaaacc tggaaacatc 1200  
tcttttaact cacagaaatg ttcagctttg tccactgct gtaactttgt cattaagcct 1260  
agagaagtca gtgtatcttc tgaaaactac ccagctttct tctggggttt tctttactag 1320  
tattttatat acagtaaatt tagctctttc ttccatcact tcataaccca gtatagtagg 1380  
tgtagatggg ctatcttccc aattcactgt ttccggattt tggtcttcag tgtctcttgg 1440  
tctagtagaa tactcaatgg aagaagct 1468

<210> 8995  
<211> 1024  
<212> DNA  
<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (104)...(640)  
 <223> similar to gi3044086 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8995
ccccgaaatg accaccgtct cacccaatca agacgtgatt catcaagtaa gacccgcgcc      60
tttctggtcc ccaggttcct tcccgtcac gccggagtca cttccgaaga gagaaccgcc      120
atgaagagag aagggggtgc cgcccacctc tgctccgaca gcctcccgga gtcccagcag      180
caagacggca accacgcacc caacttctcc agccacggct catgccgccg tcgccagcgg      240
cgccgacatg acaaggcgct gcatgcccgc taggccaggt ttcccctcat ccccgacccc      300
ggggtcgtcg ccccgcgct gccatctgag acccggtagt accgcccattg ctgcagcggg      360
aaagagaaca gagagtcctg gggacaggta ccgtgcagag ggcttgagaa ggggccgggt      420
cgcgggggca agggatatgag gggagggctg cagaccgccg ctcttcagc tcccgccatc      480
ctccgcgagc tcaggcggtg gcatttcggg gcctggcaaa tcccgcgccg gcctccgcgc      540
aggggctact gggagttgga gtttgcttct ctgtagttag gcagctgctc ttggtctagt      600
gaccaccagc ctggacagct acggagaacc cgccttaggt agaaagaaag tgattttttt      660
cctttgcaag agtttgaccc gggaccctaa ctgcttaatg catattttaga tcgttttctg      720
tacgttgtca gttctactga tcctagtggg ttagtaatat aaaccttttc tatgttgttg      780
gtgaaattat gtaacctgtg atgagggaaat cccttcacg aattactttg tagtccagcg      840
tgcaagctag ttcatactta aaagaacttg cagatttgga atgtgacgtg ttttctcttt      900
cagtaacttc gacgcctctc caagaggcta attttttttt aaagattttg tgggagctat      960
gtaatgagat ggggagtttc atctaataac atcctctgac aataaaacat gtttaaattc     1020
ccta                                           1024

```

<210> 8996  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (65)...(328)  
 <223> similar to gi2981631 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8996
gcaagacagg aaaaaaagaa tgacagtata aaagaccaca aaacaatcaa aaacaagtaa      60
cagattggca gcagtcagtc tttacttatc aataataata ttgaatatat tggattaaac      120
tctccaatta aaagacatag agtggttaaa tggagcataa aaacaatatc caaacatctg      180
ttgccttcaa aaaatgcact tcacctttta aaacacatag actgaaaata aggggataga      240
aaaagatatt ctactctaataaaaattaaaaa gaaaacaata tcttaaaaat atcatttatc      300
ataatcaagt aagatttatc cccgggatgc aaggatgggt caacaaatgc aaatcaatta      360
atatgatata ccatatcaac agaataga                                           388

```

<210> 8997  
 <211> 547  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (199)...(547)  
 <223> similar to gi4079809 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8997

tcttgccctcg	gcttcgtgag	tagctgggat	tataggcgcc	cgccaccacg	cctggctaata	60
tttttgtatt	tttagttggg	acggcgtttc	accgtgttgg	ccaggctggt	ctcaaattcc	120
tgatcccccg	tgatgtgccc	cgctcggcct	cccaaagtgc	tgggatgaca	agcatgagcc	180
acctcgcccc	accatgtgtc	atTTTTcttg	tatgttacat	aagagcttgc	attcacaaga	240
gatgggctct	gtggtctgtg	gaatgaaatg	gttaaagatg	gagaaattgt	atacactgga	300
acagaatcaa	cccagaacgg	atagctccct	cctggaaaag	agacgagggt	tcaccgtgtt	360
agccaggatg	gtgtcgatat	cctgacctcc	tgatccaccc	gccatggctt	cccaaagtgc	420
tggggattac	aggcatggag	ccaccaaggg	ccggccaata	tatttggttt	ctttatgaaa	480
attatactgg	atctgtttaca	gatgatagtg	tcgaaccaag	tgggacaaaag	aaagatctga	540
atgacaa						547

<210> 8998  
 <211> 615  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(616)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (277)...(615)  
 <223> similar to gil408211 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8998

ggcaaggggc	ccctgaccc	cttcttccaa	atatacgctt	ttgtctttta	ttcctgcatt	60
cgcccgcttt	gttcagtcct	cctaggtcca	tgtgggttac	atagtggcgc	cgcagaacag	120
ggacttcaag	gacgtaaaacg	aaaaaggtct	gctggagcag	aggaactgaa	attgagaagg	180
tgaacgggga	cctcaggccg	agtctgccga	cagggatata	aggagatgga	caaaccctgt	240
gggtgccttc	aaggtgtgtg	caaccatgga	atgggagact	ggaggaaccc	aggggtggcca	300

accatgagcc	cggtccttct	ggtacgaacc	atgagacagc	tgagcctgag	tgtaaagaca	360
gacagaatgc	cggccagagt	cacaacactg	ttctaattgct	atgttttctg	taaaattgga	420
tggaccacca	atcagagaat	gagagctacc	caggctggcc	ttacattctt	tcaattaata	480
cataaaca	aagtgggata	tgcagggagc	cgaaagcctg	tgggacannn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnntggc	600
caaacttcca	ctgcg					615

<210> 8999

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(412)

<223> similar to gi4926918 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8999

aaaggatgga	tgtgactggg	gaccccaggg	catgagaacc	cggcgagatt	cagactctaa	60
agctgggccc	gctgcaccgc	aactgcagcc	gtgagcagca	cagggtggtca	cctccgcct	120
cgaggacctg	agcagcaagg	cctgtgacag	cctggccatt	gacaagtccc	tgccactgat	180
caccctggtc	ctgcagaggc	tggcaccacg	gtgatgagga	ttacttcctg	tgtctgcctt	240
ccaatactaa	gagtatggca	ttgaccaata	acgagacgag	ggcataggac	aattctgatg	300
gagatatggc	ttgggtttcc	aggcatcctt	tgatgtggat	gaactatagc	ggggcatggg	360
tgaagcagaa	gaatgtggcc	aggcagctga	acaaggctcc	atccagtgc		409

<210> 9000

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(775)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (445)...(746)

<223> similar to gi3393018 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 9000
ctccgacttc catttcccac cctaaaccgc ctacccggtg tctgttcccc gcccggttgt      60
cctcgccctg ctgcgctgag tgccccctgt tagcctcgac cccatggcgc tgcagacgct      120
gcagagctcg tgggtgacct tccgcaagat cctgtctcac ttccccgagg agctgagtct      180
ggctttcgtc tacggctccg ggggtgtaccg ccaggcaggg cccagttcag accagaagtc      240
atatctgacg gcagcttcca gaacatgctg gctcccatat ccacagagca ctttcctcca      300
acacggctcc ctacccttcc ctgtgcttcc cccagtgtt ccagcaagtc tgtttaattc      360
acgtgtcctt caagactcag atttgtcatc tctaggagaa tttctccctc ctgtgcccct      420
gatctgatcc ctatgctgag tgcgaatgct atgctggact ttgtgttcac agtagatgac      480
cctgtcgcat ggcattcaaa gaacctgaag aaaaattgga gtcactactc tttcctaaaa      540
ggtttagggc ccaagattat cacgtccatt ccaggattaa ctatgggcgc tgggagttta      600
cttacaattt cattggattc atgtgttaat gggtaggggt tattcaaata tgggagttta      660
ttaggcacta ggcgtttngg attgaaggat ctcctcaact gggattaact tattacattg      720
ctgggacgga ttccaaaaac ccggtgaaaa ttatctcagt ggaacggggg tgtt      774

```

```

<210> 9001
<211> 1377
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1378)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1324)...(1068)
<223> similar to gi3004653 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9001
agacagttcc ggtaagacac acagccggcc gaatacattg ggctggggct ttggtcggaa      60
ttctattgct cctctgccac agcaggaggc ctctcgggct ccagatgcct ttggtttcta      120
ttaaagaaac gcagcttgta tttgcactaa ttaaaaacca gaacggaaaa agggggcagg      180
aacccccga agtctgttag gctggaaact gattcccgtg gtgcctcagg tgctcatccg      240
ccacagacag gtaggtggct ctcatgctgg gagagtacgt aggcggaggg gaggtctctc      300
cgattagtgg cacgttctcg tagcgtgggt tcctaccaa gagcatggct tggttcatgt      360
actcgagac aggggcgttg gagatggtct gggccggggg ctgcaggctg gtctgacttc      420
ccaggccact gctgtagctg cagaagctgt gaagctgtcc cctcggggga ctgtgagccg      480
ccatgcgcca ggcttggggg ttaaaggggt catcatcatc aatgtcatcg tagtctctgt      540
ttctggtggt gaagtgttc caggcccttg gccctgcaca gatcatggtg gagaaggcga      600
gggcggccag gaaggagaag aggccaaggt acagcaagcc ctggaggccg tcgtagcaga      660
tgccagcaag agcgtccaga taatccttgt gcagccctcg gcagtccacc atggcgggtca      720
gctgggtgaag gctggactct gaggagtcca gcaggagctg gattgcaagc aggtcttctc      780
ctgcagtgga gaagaggggc acggcaaaact gcagcagccc cgcgacctgg atctgcatgg      840
tggtaaagtgc gcgctggaag gtggtcaggg tctgctggaa ggggctgctt ccactctggc      900
tgcaatacag gtagtagcga gtcacctctg tgctgatctg gccctccgtg acgttcagga      960
tgaaggtgtc aggagccaca cagaagtcac tgggtggccac tgccgcagag ccatcagcgg      1020
ccagggatgc ccaactgagg agcaggctca gtgccccaca gcacagcatc gaggccagga      1080

```

gacacttggga	gcgcttggcc	agtcccaggc	aggcaatgag	gcagatgacc	aggtccagga	1140
taaagagcag	gaggtaggag	agccacctgt	agtactccac	gtagccagtc	tggtcggata	1200
gcttggtcag	ctccatggtg	acctccctcc	acacgggcag	tcttgagagc	tgaacaacaa	1260
cgctgcccgc	catctgctgt	atgaacttca	gggtctgcag	gtaatcgccc	cgggcagcaa	1320
agatctcact	gagccggggc	aggacgaaat	cgtcgacccg	ggaatttnnn	ccggtac	1377

<210> 9002

<211> 1138

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (316)...(1102)

<223> similar to gi2226004 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9002

cgcctagctt	ggcaagaggg	agatggaccc	tgggctcggc	gtcctccgga	aaactgcact	60
gtgaggcggg	gcatggggga	agggccgaag	ccccgccagc	ccagctaaag	cagacggctc	120
gcactgcgac	ccgaagcgcg	agtcattggc	ggggccttag	tggcaacaag	tgctgagatc	180
agcgggctca	gtagcaggaa	cacaagcacc	cccttgcggt	gtctggagga	agcggcgcg	240
acagtctccc	gctccaccgt	gtcgggcctg	aagaggccgc	tgaacgctcg	cgattactga	300
ggcatctggt	aggatcgcaa	ggccatcaac	ctacaggtga	agctcgaggc	gctgtggcgc	360
tttgaagccg	gagagaagct	cagtagaatc	gggaaggcgc	tggggctgtc	caactccacc	420
ttggccacca	ttcgtgacaa	caaggaaaag	atctgggcga	gttcccagga	ggccacactg	480
caggcggcca	ccaagttagc	gcgtggccgc	agcctggtga	tggagaacat	ggagcagctg	540
ctgagcatgc	ggatggagga	ccagagccag	cgcaacatgc	ccctcagtgt	ggtgctcatt	600
cgggagaaa	cccacagccc	gttcgagaac	cgcaagcagg	agcagggcga	gggcgcctag	660
cccagagagc	tcggggcccg	tcgaggggtg	ttcgctggct	ttaaggcgcg	ccacagcttg	720
agcagcatcg	gggccagcgg	cccaagaacg	cagcgtgcaa	gaatccagcg	ttaatgcgca	780
gggtgatccc	ggaggcgggc	tacacactct	ggctggtggt	caccatgaat	aagctctggc	840
tggtgttcac	catgaataag	cccagggttc	tctgtaagcg	cctgccgaga	ggacgttcat	900
tttctgtgtg	aagatgagtc	ggcccttggg	tcaaagccgc	cggagacctc	ctgacctat	960
tgctcgggtg	caacgcagcc	ggcgacttca	agctgaaggc	cctgctgggg	tacctctcgg	1020
agaaccctgt	tttctcaag	ggctccttca	agcccaacct	gcccttggtg	tggtgctcgc	1080
acaagaaagc	ctgggtacag	cctgggtgac	agagcgagac	tccgtctcaa	aaaaaaaa	1138

<210> 9003

<211> 1768

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1769)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (552)...(1771)

<223> similar to gi2317934 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9003

tttttttttt	ttacaacttt	tttaatatat	atattttataa	acaggtcacg	tgataaaata	60
gcacaagaaa	cccttaccaa	atataagggt	atatcttccg	catatacagg	agaatgaggt	120
cgttatgtac	aataagaaaa	tgattttagg	ggttgggttg	ttttgttttc	ctctctcccc	180
ttaatttttc	ctcctacagt	cgttggaaat	atcacagctt	cagttgcatt	aatactttgg	240
gcaaatggac	agctgcccc	ccccactagg	ggttgtgggg	aggaggggct	ggagaaaactg	300
gtcctgacc	actcagccct	ggagcttcc	ggggctggca	ctccagggac	aggaaaatct	360
ttgggctgtt	gatctgtttc	tgattcaaca	gcctctctct	ctctctttct	ctctctctct	420
cactctcttt	ctctctctca	ctctctgggt	ctctggaaac	tggttactct	cttccaacca	480
gatagggagt	gtcccaagat	tgggtgtggg	cgcggatatct	cctggggctc	aaggttggga	540
tgggaagggg	tcccagcccc	ctcctcagca	acagctgaga	tttgccagca	tccccagga	600
cttccaaatg	tctcgggccg	acagagcacg	gtcagagccc	atttgggcag	acagaagttt	660
gggaagctgg	ggaggggtga	agtgggggtg	ggggggcagg	ctagaaagga	gccctccctc	720
ctcgggggtg	ctaggggtg	ctggccactg	gaagattgga	gtcgtgacc	cagtgtgac	780
cctgaccctt	ggctgggtcc	actctgcaga	ctccacctga	ggagaccac	ccagggtgaa	840
gctcgggtgc	caggcctgaa	ctgagcccgg	ccgggtgcaa	gggtgaggt	gtgaggtcgg	900
cccaggcctc	ttcccaggcc	tgaggggtgg	tacagctcga	ggcttgcaag	gtgcctgcgc	960
caccctggg	ttgaggccga	ccggagtcag	ctgggatcac	gttaatgact	ccaagcgatc	1020
gccagccctt	ccgccctctc	cctgcccatt	tctctcagcc	tggccaggga	ccaaggccgg	1080
gttttggggc	ggacagggga	ctgccccaca	cagcggcaag	gaggaggaga	ggccgcgtgg	1140
gtcaggctgg	atgggtgagg	aggtgcgggt	ggggcctggg	ctctcggcgg	cgggccatgg	1200
ctttggcgg	ggcctgtttc	ccctgacacc	cctcggaggg	ctccaggtat	ggtgcgggtg	1260
aagatgcagg	aagcccgtgg	ggctcttctg	ggcccgtgtc	ctggggggacc	cagccccctc	1320
aatcccactg	ggccctgccc	gggatggggg	ggacagtggg	aagacagagc	gggtgtggcg	1380
gggaaggcgg	taagggcaca	gtctggagag	ctcaaagccc	cccccaaggac	cagccccgcg	1440
cccccaagcg	ggagggcgag	cgagtgatgg	cggcggctgt	ggctgtgggc	gtggcggaag	1500
gcggcgtgca	gtgcgggcac	gaggggcatg	cacaaagtcc	ccgagtgtgc	gtgcgtgcgt	1560
ggggcgggcc	caccgcgcgc	ccccctgccc	ggggcggtgc	tgggagggcg	gagggaccga	1620
aggtcgggga	ggggcttttc	ctcggtctgc	ccgcctccc	gcgcttggcg	ccggcgannn	1680
nnnnnnnnnn	acnnncangcn	nnnaaanaag	ggtgggcggg	ccccgcgccc	ccgcccaggc	1740
atggccgggt	tccgtgaccg	gtgtggtg				1768

<210> 9004

<211> 1263

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (210)...(1227)

<223> similar to gi5410230 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 9004
ccgggtcgac gatttcgtgc gggagacggc ggtcgaaaaa acccggcggc ctgaagcttg      60
tgctttcttt gacgcaaggg ctcgagacgc agccgcgcgc ggccgagcgc ccggctagaa      120
gcgacaccag acggagcctc cggagttcct ccgccccac ctcgcgggt cctggagccg      180
cagtcctccc agctgcctc ctcgtggcca tggagtgtcc acacctgagc tccagcgtct      240
gcattgctcc ggactcagcc aagttcccca acggctcccc gtcgtcctgg tgetgcagcg      300
tgtgccggtc caacaaaagc ccttgggtct gtttgacttg ttcaagtgtc cactgtggaa      360
ggtatgtgaa tggccatgca aaaaaacatt atgaagatgc acaagtacct ttaaccaacc      420
ataagaaatc agaaaagcaa gataaagttc agcacacagt atgtatggat tgcagtagct      480
acagtacata ctgttatcgc tgtgatgatt ttgtgggttaa tgacaccaag ctgggactgg      540
tacagaaagt cagagaacac ttacagaact tggaaaactc agctttcaca gctgacaggg      600
ataagaaaag aaaacttttg gaaaactcaa cactaaacag caagttatta aaagtaaagt      660
gaagcaccac tgccatttgt gccacaggcc ttcggaattt ggggaacaca tgtttcatga      720
atgccatcct tcagtcactc agtaacattg agcagttttg ctgttatttc aaagaactgc      780
ccgcgtgga gttaaggaat gggaaaacag caggaaggcg gacataccac accaggagcc      840
aaggggataa caatgtgtct ttggtagaag agtttagaaa gacactctgt gctttatggc      900
aaggcagcca gactgcattt agcccagagt ccttatttta tgttgtttg aagattatgc      960
caaactttag gggctatcaa cagcaggacg cccatgaatt catgcgctac cttttggacc      1020
acctacactt ggaacttcag ggcggtttca acggtgtttc ccgctcagca attctgcagg      1080
agaattctac tctgtctgca agtaacaagt gttgcatgta agatttagtt gccttctgtt      1140
ttttaggagg gcctcagaca tttcttttgg tgtaattat gtgttagatt tataacggaa      1200
ggtagagggg tttcttggaac atttgctgga actcttcgtg cccttgaact ttgtgaccga      1260
gtt
1263

```

```

<210> 9005
<211> 1396
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (387)...(1196)
<223> similar to gi5689421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 9005
ctaggaggaa atactgaccc cataaaccta aatctcacac acggttttgg acgtttaaac      60
gaatggattt aacagccttt tggaattcag cctgtttgtc atgactgtcc aaagtatgat      120
aatcacatga gagtgtcgtg tgctacggat gtcatttgac tcatcagaga aaatctgtct      180
aaaagaaaat atccatgtga ccaaattccat ttcattattg aatggcttga tggatttcct      240
ttactctgat tcataccaaa gctgtccttc tcaaccaaag caagaaagga tctgtcatga      300
gtcaatccca gaatgcaatt ttacatcac caacagggtga agaaaacctc atgaatagca      360
atcacagaga ctcggagagc atcactgatg tctgtctcaa tgaggatctc cctgaagttg      420
agctggtgag tctgctagaa gaacaactac cacagtatag gctaaaagta gacactctct      480
ttctatatga aaatcaagac tggactcagt ctccacacca gcggcagcat gcatctgatg      540
ctctctctcc agtccttgct gaagagactt tccgttacat gattctaggg acagacaggg      600

```

tgagcagat	gaccaaaact	tacaatgaca	tcgacatggt	tacacatctc	ctggcagaga	660
gggatcgtga	tctggaactc	gctgctcgaa	ttggacaagc	tctcttaaag	cggaaccata	720
tcttatctga	gcagaacgaa	tccctggagg	agcaattggg	acaagccttt	gatcaagtta	780
atcagctgca	gcatgagcta	tgcaagaaaag	atgagttact	tcgaatcgtc	tccattgctt	840
ctgaagaaaag	tgaaactgat	tccagctggt	ctacacctct	tcggttcaat	gagtccttta	900
gcttatctca	aggggtgctg	cagttggaaa	tgctgcaaga	aaagctcaag	gaactggaag	960
aagagaatat	ggctcttcga	tccaaggctt	gtcacataaa	gacagaaact	gttacctatg	1020
aagaaaagga	acaacagctt	gtcagcgact	gtgttaaaga	acttcgtgaa	acaaatgctc	1080
agatgtccag	aatgactgaa	gaattgtcag	ggaagagtga	tgagctgatt	cgataccaag	1140
aagagctttc	ctctcttttg	tcacagattg	taggaccttc	agcatagact	taaagaagta	1200
ggcttattcg	ttcattcaac	agatatttgt	taagcactca	cataggatct	tgcaccatgc	1260
taagggctag	atacataaga	cagaatacac	attgaccttg	cccttttaag	atgccctagt	1320
ctgattgctg	ctttaatcat	ctttatgtca	tataagagat	catgagtaaa	tactttacag	1380
tcactatttc	tctgtg					1396

```

<210> 9006
<211> 382
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(379)
<223> similar to gi182221 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 9006						
ggaactggaa	gatagatctg	aagagttaac	tagaatgcag	ccagatagac	aaagagatgg	60
ggaacatgta	agggagggtta	ggaacatga	agaatggaga	gaaatgtcta	acatgcaaaa	120
aaattctccg	gaaatgagac	aagcaatatt	tgaagcaaat	gatataaaga	gacatttcat	180
gaagagggtga	caagaatact	taatatacat	gtaaaaagat	gttggaactc	attagtaatc	240
aggaaaatgc	aaattataac	caacgtgaga	tactcttcca	caccaccaa	actggaaata	300
gttgagtgtc	tgatacttct	aagcaaaaaat	ggggaccagt	ggggactctc	atcaacagca	360
gacagaagtg	tcagtacaac	tt				382

```

<210> 9007
<211> 935
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (34)...(935)
<223> similar to gi5912153 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 9007
gcgggcgcgc acctgctccc gtcgccctac agcaagatca cgccccgcg gagggccac 60
cgctgcagca gcgggcacgg cagcgacaac agcagcgtgc tgagcgggga gctcccgcg 120
gccatgggga agacggccct gttctaccac agcggcggca gcagcggcta cgagagcgtg 180
atgcgggaca gcgaggccac cggcagcgcg tcctcggcgc aggactccac gagcgagaac 240
agcagctccg tgggcggcag gtgccggagc ctcaagaccc cgaagaaacg ctccaatcca 300
ggttctcaga gacggaggct tatcccagca ctatccctgg acacctcttc ccctgtgaga 360
aaacccccca acagcacagg cgtccgctgg gtggatggcc ccttgcgagg cagcccgagg 420
ggccttgggg aaccctttga gattaaagtc tatgaaatcg atgatgtgga gcgcctgcag 480
cggcgacgag ggggtgccag caaggaggcc atgtgcttca atgcaaagct gaagattctg 540
gaacaccgcc agcagaggat cgccgaggtc cgcgcaagt acgagtggct gatgaaggag 600
ctggaggcga ccaaacagta tctgatgctg gatcccaaca agtggctcag tgaatttgac 660
ttggagcagg tttgggagct ggattccctg gagtacctgg aggcactgga gtgtgtgacg 720
gagcgctgg agagcgtgt caacttctgc aaggccatc tcatgatgat cacctgcttc 780
gacatcacct ccaggcgccg gtagatgagc cagacccttg tcctagtggc ccccgctcc 840
ccaggacttc agagatgttg cagcccccta ggccctctgt gctggggcat caaagacaat 900
gaatgaggat gaaggctggg ggcaagtctg gagcg 935

```

```

<210> 9008
<211> 1148
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1149)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (49)...(1148)
<223> similar to gi459714 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 9008
ggcacgagcg tccgcagagc cagttcctag cgcagagccg cgcccgccat gagggagatc 60
gtgcacatcc aggcggggcca gtgcgggaac cagatcggca ccaagttttg ggaagtgatc 120
agcgatgagc acggcatcga cccggccgga ggctacgtgg gagactcggc gctgcagctg 180
gagagaatca acgtctacta caatgagtca tcgtctcaga aatatgtgcc cagggccgcc 240
ctggtggact tagagccagg caccatggac agcgtgcggt ctgggccttt tgggcagctt 300
ttccggcctg acaacttcat ctttggccag acgggtgcag ggaacaactg ggcgaaaggg 360
cactacacgg agggcgcgga gctggtggac gcagtgcgtg acgtggtgcg gaaggagtgc 420
gagcactgcg actgcctgca gggcttccag ctacgcact cgctgggcgg cggcacgggc 480
tcaggcatgg gcacgctgct catcagcaag atccgtgagg agttcccgga ccgcatcatg 540
aacaccttca gcgtcatgcc ctcgccaag gtgtcggaca cgggtggtgga gccctacaat 600
gccacactgt cgggtcacca gctggtggag aatacagacg agacctactg catcgacaac 660
gaggcgctct atgacatctg cttccgcact ctgaagctga caacgcccac ctacggggac 720

```

ctcaaccacc	tggtgtccgc	caccatgagt	ggggtcacca	cctcgctgcg	cttcccgggc	780
cagctcaatg	ctgacctgcg	caagctggcg	gtgaacatgg	tgcccttccc	gcgcctgcac	840
ttcttcatgc	ctggcttcgc	gccgctcacc	agccgcggca	ncagcagtac	cgggcnctga	900
ccgtgcccga	gtcaccaccag	cagatgttcg	acgccaggaa	catgatggcc	gcctgcnatc	960
cgcgccatgg	ccgctacctg	accgtggcca	ccgtgttccg	cgggcccattg	tccatgaagg	1020
aggtggacga	gcagatgctg	gccatccaga	gtaagaacag	cagctacttc	gtgggagtgg	1080
atttccaaca	acgtgaaggt	nggccgtgtt	gcgaanattc	ccgncccggg	gncttgaaag	1140
gatgggtt						1148

<210> 9009

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (337)...(364)

<223> similar to gi498729 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 9009

caaggtcttc	agtaacgttc	aagtcttgca	gtgcatcgac	gaattcacac	tgtagagaaa	60
ccttgcaaat	gcaatgaatg	tggcaaggtc	ttcagtaaac	gttcaagtct	tgcaagtgc	120
cagagaattc	atactggaca	gaaaacttac	aaatgcaata	aatgtggcaa	ggtgtacagt	180
aagcattcac	gtcttgca	gcattggaga	attcataccg	gcgagaaagc	ttataaatgc	240
aatgaatgtg	gcaaagtttt	cagcatacat	tcacgacttg	cagctcatca	gagaattcat	300
actggagaga	aaccttacia	atgcaatgaa	tgtggcaagg	tcttcagtca	acattcacgt	360
ctt						363

<210> 9010

<211> 1693

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (813)...(1483)

<223> similar to gi862423 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 9010

agaggagaga	ggacgggctt	ggatgaagaa	gggaaagaaa	gagaaagaga	ctgaagcaga	60
gaagagccgc	agaggaagaa	agtgaatgag	cactcaagaa	ggacaaagag	gagtagtcgg	120

gggtggggtg	gaggcagggc	ggggaaggga	gtgaccgccc	ctcctggctg	cactcttgcc	180
tccggagccc	tctgatcctg	tttgagtgga	tgctccgagg	gcaggcacct	gctgctctgt	240
aatgattcag	cccccttcag	ccgtcgtcgc	gttaacacaa	caggatgctg	ttgctattgt	300
cactactgcc	tctcctgccg	ccgtcgtcgc	tgccgcccgc	gccaccgccg	ctggctcctc	360
ttctgctttt	acttctcctg	catgacagtt	gttttcttca	tctgagcaga	caccagcttc	420
agatgctcga	ggtgagaaac	atgcctttca	gtttgggcta	ctggtttact	taattaatca	480
gccggcagct	ccgtcgtatc	attttcgtcc	ctgtcctctt	gacgagcccg	ggatggtttg	540
gagtagcatt	taaaagaact	agaaaagtgg	cccagaaaca	gcagcttaaa	gaattattac	600
gatatacttt	gattttgtag	ttgctaggag	cttttcttcc	ccccttgcat	ctttctgaac	660
tcttcttgat	tttaataatg	gccttggaact	tggacgattt	atcgatttcc	ccctgtaagg	720
atgctgtatc	atttggttgg	ggggggcctc	tgctgtgtaa	tggaccgtga	ggagcggcca	780
ggggcctttc	ttctgggagg	tgaagccgat	gggagattta	ttccccagac	atgtctggag	840
gtcgccgccg	agaggctctc	cagccccctc	actcagctga	gtgcagaccc	atctcttgat	900
gggcttccgg	cagcagaaga	catgccagag	ccccagactg	aagatgggga	gaacccctgg	960
gatttggtgg	gctgggcctg	ccctgctgtg	cgtgcctaga	agctgagcgc	ctgagaggtt	1020
gcctcaactc	agagaaaatc	tgcatgttcc	ccatcctggc	ttgcctggtc	agcctctgcc	1080
tctgcatcgc	cggcctcaag	tgggtatttg	tggacaagat	ctttgaatat	gactctccta	1140
ctcaccttga	ccctgggggg	ttaggccagg	accctattat	ttctctggac	gcaactgctg	1200
cctcagctgt	gtgggtgtcg	tctgaggcat	acacttcacc	tgtctctagg	gctcaatctg	1260
aaagtgaggt	tcaagttaca	gtgcaagggt	acaaggctgt	tgtctccttt	gaaccatcag	1320
cggcaccgac	accgaagaat	cgtatttttg	ccttttcttt	cttgccgtcc	actgcgccat	1380
ccttcccttc	acccaccccg	aaccctgagg	tgagaacgcc	caagtcagca	actcagccac	1440
aaacaacaga	aactaatctc	caaactgtct	ctaaactttg	taagtagaga	gagagagaga	1500
gacgatgatg	atgatgaata	aaaggggtgg	gtttgaggtc	cccaaaggac	atttcccttt	1560
cttcttgcat	tttagttgcc	tggttttgtt	taagcaaagc	ctatgtttga	gatgcttggg	1620
atggcattga	agggccgagt	aaaatgatct	tgcaaactcc	ggatctgaac	cagtgttgta	1680
acagcagctc	tct					1693

<210> 9011

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (583)...(928)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9011

ggaactcaag	tgctctacat	aggccaggac	tgagagaaaa	ttccagagca	ccttggcagg	60
gactgtggac	atttcgcaaa	gaggcttgat	ctgagcttta	accttctgag	gtcactggaa	120
ggactgagcg	cattcaggag	cctggaggaa	ctcatcttgg	acaacaatca	gctggggggac	180
gaccttggtg	tgccaggggt	acccagactg	cataccttaa	ccctcaacaa	gaaccgaatc	240
actgatttgg	agaacctgct	ggatcacttg	gcagaagtga	caccagctct	ggagtacctc	300
agtctgctgg	gcaacgtggc	ctgtcccaac	gagctggtca	gcttggaaaa	ggatgaggaa	360
gactacaaga	gatacagatg	ctttgttctg	tacaagctgc	ccaacttgaa	atttctggat	420
gccagaaaag	taaccagaca	agaacgagag	gaggcggttg	tcagaggagt	cttcatgaag	480
gtggtgaagc	ccaaggcttc	tagtgaggac	gttgccagct	ccccggagcg	ccactacacg	540
cccttgccct	ctgcttccag	ggaactcacc	agtcaccaag	atgaagtctc	attcttgtcg	600

```

cccaggctgg agtgcagtgg tgcgttctcg gctcactgca acctccgcct ccccggtca 660
agcgattctc ctgtctcagc ctcccaagta gctggaaata caggcatgtg ccaccatgcc 720
cagctaattt tgtattttta gtaaagatgg agtttcttca tgttggccag gtgtcctggg 780
gaagtgtcgc tacgtttact atgggaaaaa ctcagagggc aacaggttta tccgagatga 840
ccagctctga agccaacttc tgtatacctt caccatttcc atgaaaataa aatcaaaagg 900
gaaatcaaaa ataaagaaaa cgctaaaag 928

```

<210> 9012

<211> 566

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (16)...(568)

<223> similar to gi4481810 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 9012

```

agcggtcgtg ttgccatggg ccggaggaga gccccggccg gtgggtcgct gggacggggc 60
cttatgcgcc atcagactca gcggagccga agccatcgtc acactgactc ctggttgcac 120
acaagtgaac tcaatgatgg ctatgattgg ggctgcttta atcttcagtc agtgactgaa 180
cagagctccc ttgatgactt ccttgctact gcagaacttg caggaacaga gttttagct 240
gaaaaactta atattaagtt tgtgcctgct gaggctagaa ctggactact gtctttcgag 300
gagagccaga gaattaagaa gctccatgaa gaaaacaaac agttcttgtg tataccgagg 360
agaccaaact ggaacaaaaa tactaccca gaagaactca aacaagcaga gaaagataac 420
tttctagaat ggagacgtca gctttgtccg gctagaagag gaacagaagc tgatattgac 480
tccatttgaa cgaaatttgg acttttggcg ccagctctgg agagtcattg agagaagtga 540
tattgtggtc cagatagtag atgctc 566

```

<210> 9013

<211> 343

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(344)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (16)...(346)

<223> similar to gi3413293 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 9013
ctctaaccaca tccatatggc tgccgctgcg ctacgcgccg atatctatct ccccgctggt      60
tccccatatac cagggetacc tgctcctctc cgcttcgcat ggcgtctaca agcctgcaca      120
ccaagggcgcg ccttccccctg gaaacgggtca ctatgtacac ggtcattccc aaaagcaagt      180
acgtcttgggt gaaacctgac acccagtacc cctacagtga gaatctggat gagttcaagc      240
gacttgctga aaactcagct tccaacgatg atctcttgat ggagaggtg gcgatctcag      300
attatggaga caagctgacc ctggagctga gggagaaata can                          343

```

```

<210> 9014
<211> 328
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (183)...(328)
<223> similar to gi51335 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9014
gaaaaagctt acatgctcat ggtttcaagg tactaattaa cagaaagact ttcaaaactg      60
aaataggggt ctcagcagct cgggcagcgg gaggagtgcc agtagccagg cagcccagct      120
tcgcgaaggc tctcagctcc gtggcccaca ggtgcccagc aagtgcccct cctgcccgca      180
agatgcccaa gaggaaggct agttcagccg aaggggtggc gaagcaagag cccaagagga      240
gatctgcgca cttgtcagct aaacctgctc ctgcaaaaagt ggaaatgaag ccaaagagggc      300
atcaggaaag gctaaatctt cagattaa                                328

```

```

<210> 9015
<211> 413
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (28)...(415)
<223> similar to gi183885 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9015
ggcacgagcc atgaaacttc tattgogaac gccatgcttc atttgacaaa cggggacaag      60

```

gctaatatca	gaagcctgtg	gcgcaaggcc	aatgtgtacg	aggctggact	acagaccctg	120
attgggctac	tggaggacta	cctacgtacc	aagaggatac	ttgacagctt	tggcaacctg	180
gcctctgact	ctgccatcat	gggcaaccca	aaagtcaagg	cacatggcaa	gaaggtgctg	240
acttgcttgg	gagatgccat	aaagcacctg	aatgatgcca	agggcacctt	tgtccagctg	300
agtagaactg	cactgtgatc	agctgaatgt	ggatcctgag	aacttcatgc	tcctgctaaa	360
tgtgctgctg	accgtgttgg	ccatgcattt	cggcagacag	ttcagccctg	agg	413

```

<210> 9016
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (248)...(375)
<223> similar to gi250803 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 9016						
ggcacgaggt	tgagccaccg	cacccagccg	aaaaatctta	tttaagcctg	accttgggag	60
agttactctt	atgcttatga	tatagaaagc	tacaaaatac	attgtttcca	tcataacaac	120
aggaaaaagc	cagatagata	agccacaaaa	acataacttt	tcttgagtcc	agcagagagc	180
tgaagacaca	aggcaaccaa	gtaatcaagt	aatcagattt	aaaaagagga	acgctccccct	240
ccagggacat	tcggtgataa	taactcatac	gactgtggca	tggaccaact	gagagacctg	300
accagagaac	aactgatgtc	attgatgagt	tccctgacag	atcccagtca	gtgtcagaga	360
agtatcacat	ataag					375

```

<210> 9017
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(414)
<223> similar to gi4566746 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 9017						
ggcacgaggc	aaaacacggt	gattgtgaat	ggagttgcta	tggcctctag	ggcgacccag	60
cccacgcacg	tcaacgtcca	catccaccag	gagtcagctt	tgacacaact	gctgaaagct	120
ggaggttctc	tgaagaagtc	tctttataac	ctggagactc	tgtgctttgt	tctgtcagga	180
attgctgagt	attagtgaga	ttatctgatg	gctaatttat	tgggttgcta	tcttattgtc	240

atgtgtcctt	cgtatggcaa	cttaatgtta	tacatgtgta	gatttcacta	atttattggt	300
tatcacattt	gtggaatcat	ttatccgttc	atcttaggta	attattggta	ctagggttac	360
tgttctatgt	aagtgagtct	gatattatgt	tgtatgatga	aaagtatttg	ttgg	414

<210> 9018  
 <211> 1448  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (249)...(1448)  
 <223> similar to gil77831 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 9018						
cccccggtc	gagccggggc	tgtacactgc	ccaggcaaag	cgtccgggca	gcgtaggcgg	60
gcgactcaga	tcccagccag	tggacttagc	ccctgtttgc	tcctccgata	actgggggtga	120
ccttggttaa	tattcaccag	cagcctcccc	cgttgcccct	ctggatccac	tgcttaaata	180
cggacgagga	cagggccctg	tctcctcagc	ttcaggcacc	accactgacc	tgggacagtg	240
aatcgacaat	gccgtcttct	gtctcgtggg	gcctcctcct	gctggcaggc	ctgtgctgcc	300
tggtccctgt	ctccctggct	gaggatcccc	agggagatgc	tgcccagaag	acagatacat	360
cccaccatga	tcaggatcac	ccaaccttca	acaagatcac	ccccaacctg	gctgagttcg	420
ccttcagcct	ataccgccag	ctggcacacc	agtccaacag	caccaatata	ttcttctccc	480
cagtgcagcat	cgctacagcc	tttgcaatgc	tctccctggg	gaccaaggct	gacactcacg	540
atgaaatcct	ggaggggcctg	aatttcaacc	tcacggagat	tccggaggct	cagatccatg	600
aaggcttcca	ggaactcctc	cgtaccctca	accagccaga	cagccagctc	cagctgacca	660
ccggcaatgg	cctgttcctc	agcgagggcc	tgaagctagt	ggataagttt	ttggaggatg	720
ttaaaaagtt	gtaccactca	gaagccttca	ctgtcaactt	cggggacacc	gaagaggcca	780
agaaacagat	caacgattac	gtggagaagg	gtactcaagg	gaaaattgtg	gatttgggtca	840
aggagcttga	cagagacaca	gtttttgctc	tggtgaatta	catcttcttt	aaaggcaaata	900
gggagagacc	ctttgaagtc	aaggacaccg	aggaagagga	cttccacgtg	gaccaggtga	960
ccaccgtgaa	ggtgcctatg	atgaagcggt	taggcatggt	taacatccag	cactgtaaga	1020
agctgcccag	ctgggtgctg	ctgatgaaat	acctgggcaa	tgccaccgcc	atcttcttcc	1080
tgctgatga	ggggaaacta	cagcacctgg	aaaatgaact	caccacagat	atcatcacca	1140
agttcctgga	aatgaagac	agaaggtctg	ccagcttaca	tttaccctaa	ctgtccatta	1200
ctggaacctga	tgatctgaag	agcgtcctgg	gtcaactggg	catcactaag	gtcttcagca	1260
atggggctga	cctctccggg	gtcacagagg	aggcaccctt	gaagctctcc	aaggcccttg	1320
cataaggctg	tgctgaccat	cgacgagaaa	gggcctgaag	ctgctggggc	catgtttttg	1380
gaggccatac	catgtctatc	acccccgagt	caagttcgac	aaacctttgg	actctaataga	1440
ttggtcaa						1448

<210> 9019  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(399)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (13)...(398)  
 <223> similar to gi490104 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 9019  
 ggcacgagga cgatgacttg caaaatgtcg cagctggaac gcaacataga gaccatcatc 60  
 aacaccttcc accaatactc tgtgaagctg gggcacccag acaccctgaa ccagggggaa 120  
 ttcatagagc tgatgcgaat agatctgcga gagtatgtca agatagatac taggaatgag 180  
 aaggacatac ataagactgt ggaagaaatg tacctggctg ctcatcagaa cccgaacgct 240  
 aacctgacca cacttgctct cggagaagtt caagcctgtg atgagcgtaa actccaacga 300  
 gcctggctta ggcgtcaaca tgcacattcc atataaatct cttgcaggca taccgcactg 360  
 ctatacagcg agaaacaata actggcgaag gtggctgn 398

<210> 9020  
 <211> 1106  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (949)...(1108)  
 <223> similar to gi5689485 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 9020  
 tgtattggat tatagcattt attataccaa actatTTTTT ttttgaacag aaacatagct 60  
 tgtaagcact taaactatta atggtcagtt catcatcac cagtatgaaa gttatttgag 120  
 ggcagggatg gcctctttct gaaccttgta tcttcaggcc aaaaaaatgt ctgttgaaatg 180  
 aaaccaatgt tgatgtacag caatgtggct ggaatttaga aagcttaata aaaattgggt 240  
 gaggggggca tctaattcag aacatgtttt tgggtgtaag gctagtatca tctacttttg 300  
 aaaacataat ttttatgatt agcaggtaaa ggtagcatga aactgcaata cactggctcc 360  
 agacctttcc tctctgcctt gccacaggca tgcttgggtg gtctgattac aaaagtacgg 420  
 atctcaacac tatatTTTTT attctaaaat ctcaaccaa atgatgggat catgggtgca 480  
 aagtgggttt ttcttttaaa ttgtgagaaa ccatttccac atttcagatc taatgggtgtt 540  
 ctcatgacat tgcaaagtag tattttatgc ctcaaaact gaaccttaag gtagagacaa 600  
 ttgctccccg ggccaaacac agatccctcc aaccctcac tgtaccttag gaaagctggg 660  
 ataaactaca gattcaacaa aatctcaata agaaaatccc aaaaaccttc cccaatgccc 720  
 tgtggttttg cctgaacata gggaaaatgg actgctgggt ggctacagaa caggaatgaa 780  
 gagttaagaa taataaatgc ctaagttaca gggacagaac caatctttca ttaatgacac 840



aaagtagaat	gcacaaagta	gtatgcagta	tggctggggg	acagtcaagg	accatctaga	900
cttttaattg	ttagaagcac	cacaggtcca	aatgctcccc	agagtggacc	aaaactggat	960
tttgtccatg	gcaacactgt	tctccactat	tctgtctata	atgagaatat	atcaatagca	1020
ggaaatctac	tttcacacat	ggcaaaccgc	gaagaaaaac	aaggataacc	tcaggccact	1080
tttacttgct	gtaagtggga	aaaaaa				1106

<210> 9021

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (187)...(335)

<223> similar to gi310925 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 9021

ggcacgagtg	aaaatccatt	taaagaggag	ctcactaatt	atcaatactg	actgctgagc	60
ctggaatcat	tcatatatac	ctcagagttc	attcattcca	gatgcaatac	tagataagga	120
gactcctatg	aaccaaatac	ctaactctga	atagatagtg	actgtcataa	tcaaaccctg	180
cggctgcctc	ctccttactg	gaggggtgtg	aggaaagcag	tctccccgaa	ccctaccctc	240
tccctcaccc	cccgttcacc	ccctccccca	caaccgctcc	cccaacccca	cccacccacg	300
ccctctcccc	cctccctctc	cccctcctct	cccg			334

<210> 9022

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (44)...(621)

<223> similar to gi183885 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 9022

ggcacgagcg	gcacgagggg	acgtctgagg	ttatcaataa	gctcctagtc	cagacgccat	60
gggtcatttc	acagaggagg	acaaggctac	tatcacaagc	ctgtggggca	aggtgaatgt	120
ggaaagtgtc	ggaggagaaa	ccctgggaag	gctcctgggt	gtctacccat	ggaccagag	180
gttctttgac	agctttggca	acctgtcctc	tgctctgtcc	atcatgggca	accccaaagt	240
caaggcacat	ggcaagaagg	tgctgacttc	cttgggagat	gccataaagc	acctggatga	300
tctcaagggc	acctttgccc	agctgagtga	actgcactgt	gacaagctgc	atgtggatcc	360

tgagaacttc aagctcctgg gaaatgtgct ggtgaccgtt ttggcaatcc atttcggcaa	420
agaattcacc cctgaggggtg caggcttcct ggccagaaga ttgggtgactg gaattggcag	480
tgggccagtg cccttggtcc ttccagatac ccactgaagc ctcttggccc atgaattcag	540
aagctttcaa aggataaggc tttattcttg caagcaatac aaataataaa tccattctgc	600
tgagagatca caaaaaaaaa a	621

<210> 9023  
 <211> 441  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (22)...(443)  
 <223> similar to gi505652 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 9023	
ggcacgaggg gaaagatggc ggcgactctg ggacccttg ggtcgtggca gcagtggcgg	60
cgatgtttgt cggctcggga tgggtccagg atgttactcc ttcttctttt gttgggtct	120
gggcaggggc cacagcaagt cggggcgggt caaacgttcg agtacttgaa acgggagcac	180
tcgctgtcga agcctacca ggggtgtgggc acaggcagtt cctcactgtg gaatctgatg	240
ggcaatgcca tggatgatgac ccagtatatc cgccttaccg cagatatgca aagtaaacag	300
ggtgccttgt ggaaccgggt gccatgtttc ctgagagact gggagtgtgca ggtgcacttc	360
aaaatccatg gacaaggaaa gaagaatctg ccatggggat ggcttggcaa tctggtacac	420
aaaggatcgg atgcagccag g	441

<210> 9024  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (54)...(239)  
 <223> similar to gi3043694 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 9024	
ggcacgagat taacgatctg tgcctatgtt gtttcgggac cagttgggga ccccgagaa	60
tgaaccacat gagcaggaag cgcacccgag aggccaaagcg gagtgcgcgg ccggagctca	120
aggactcgct ggattggacc cggcacaact actacgagag cttctcgctg agcctggcgg	180
ccgtggcgga taaccgtgga aagggcagat gctctacatg tgtctttgga aaaattcggg	240

```

ggatcggttt tactgtccag acagaacata ttgacagcgg gaaacgctga tggcgggtct 300
ggtgggtacg acgacgtgcc ggagcaaggg taac 334

```

```

<210> 9025
<211> 2170
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (32)...(2117)
<223> similar to gi3878945 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 9025
ggcacgaggg atggcggcgc gggacagtga cagcgaagaa gatctggtca gctatgggac 60
cgggctggag cctctggaag aaggtgaaag accaaagaaa ccaatccctc ttcaggatca 120
gactgtcaga gatgaaaaag gaaggtataa acgattccac ggggccttta gcggaggttt 180
ctctgctgga tacttcaata ctggttggtc aaaagaagga tggacaccct ctacctttgt 240
gtcttcacga cagaacagag cagacaaatc tgttcttggt cctgaagatt ttatggatga 300
agaggatctt agtgaatttg ggatagcacc taaagcgatt gtcaccacag acgattttgc 360
ctccaaaacc aaagacagaa tacgagaaaa ggctaggcag ttggccgctg ctactgcccc 420
tattcctgga gccaccctcc ttgatgacct cataacgcca gcaaaattat ctggttggtt 480
cgaattgcta agaaaaatgg gttggaaaga aggacaagga gttggtcctc gagtaaagag 540
acggccacgc cgacagaaac ctgacacctg agtcaaaatc tatggctgtg cattaccccc 600
tggaagctcg gaaggatctg aggtggaaga tgatgactac ttgcctgata atgtgacctt 660
tgcacccaaa gatgtcacac ctgtggattt cacacctaaa gataatgtgc atggtctagc 720
ttacaagggc ctggatcccc accaggcact gtttggaact tcgggagAAC attttaatct 780
tttcagtggg ggttctgaga gagctggcga tcttgagaaa attggactga ataaaggaag 840
aaaattggga atttcaggcc aggtcttttg ttaggtgccc ctggaagagg aagatgatga 900
tatctatgcc acagaaatc tatccaagta tgacactgtt ctgaaggacg aggagcctgg 960
agacggactc tatggctgga cagcaccag gcagtataaa aaccagaaag aatcagagaa 1020
agaccttcgg tacgttgga aaattttgga tggattttcc ttggcttcta aacctttatc 1080
ttctaagaaa atctatccac ctccagagct cccaagagac tatcgaccag tgcattatct 1140
cagacccatg gtggccgcca cctccgagaa ctcacactta ctgcaggat tatcagagtc 1200
agctggaaaag gcaacgcctg acccagggac acacagtaag caccaactga atgcctccaa 1260
acgggctgag ttgcttgga agacgcctat tcaaggttca gctacttcag tgtagaatt 1320
tctgtcccaa aaagacaaag agagaatcaa agaaatgaag caggcaactg acctgaaagc 1380
agctcagctc aaggccagga gtctggccca gaacgctcag agcagcagag cccagccctc 1440
ccctgcagcg gctgctgggc actgctcttg gaacatggca ttaggtggtg ggacggccac 1500
cttaaaagcc agcaacttca agcctttcgc caaagatccg gaaaagcaaa agcgatacga 1560
cgagttctta gtacacatga aacaggggtc gaaagatgct ctggaacgct gtctggaccc 1620
cagcatgaca gagtgggagc gagggcgtga gcgggatgag tttgcccggg cggccctgct 1680
gtacgcatct tccattcga ccttgctcctc caggttcact catgccaaag aggaggatga 1740
ctcagatcag gttgaagtcc ctcgagacca agagaatgat gtcggggata agcagtcggc 1800
tgtgaagatg aagatgtttg ggaagctcac ccgagacagc tttgagtggc accctgacaa 1860
gcttctatct caactttagt tggcttacca agagtgaagc gtgacaagta ctcagctctc 1920
aactttctga cgctcccaga gacagcttcc ttgcccacca ctcaagcatc aagtgaaaaa 1980
gtatcacagc accgaggtcc cgacaaatca agaaaacccat ccagatggga tacctctaaa 2040
cacgaaaaaa aagaagattc cattagtga tttttaagggt tggctagatc aaaagccgag 2100

```

```
ccacctaaac aacagtccag ccccttagta aacaaagagg aagagcatgc accagaatta 2160
tccgcaaattg 2170
```

```
<210> 9026
<211> 377
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (15)...(268)
<223> similar to gi2145060 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 9026
ggcacgagaa cagggaccca gacatggagc tgcgggaaga agcctggtct ccggggccgc 60
tggattctga ggaccagcag atggccagtc acgagaaccc aggtgagcag ccagaggcct 120
tcccagccga ccccgctgcc tcccacctga ccttggcttc ctttgcctct ggggtgggagg 180
aaacccccct tccctgtttt cccctcttgg ggccctggga ccacccgacc ctggcctccc 240
ctccccccct gggccttgca ctctggctg tagagggagg gctagtgttg tggctccaag 300
tttcctttct gctggatgat cttggggacc cctgggggac accttctctg cctgacttcc 360
tctgtccttg cccctcc 377
```

```
<210> 9027
<211> 989
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (620)...(1)
<223> similar to gi5901743 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 9027
gcggccgcct gtcggcttgc tggagactcg gttgaggtga ccacagaggc cacactagt 60
gggggtggagt tggcctgagc ggaggtggct gttgtcccct tcagtgatgc tgggggtgggc 120
tgtgggatgt tgacgagcag gctggtgttg ggaacattgg cgacgcggat gaggccctgc 180
tggtgatcc tttgtccctg aatctgcaca ctgggcaccg acgcccgggg ggccaggagg 240
aggggagggtg gccctgtgct ggaatgttgc ctaatgctgt ggatttgctg agccccccct 300
gacgagtggg ggcattgacga cctgtgagct cgccgtgtggc cccagctttg aggacgcctg 360
ctgcccacct cggaccaggg gcgggggtat gacactgccg ggcattccgag ctgaagaggt 420
ctggagtgat ggcttgccag caggaatgtt ctgagtgcc cgaacaagcg ggggaggggt 480
```

ggtcacggtg	ctcccaacag	aacctgtggg	cttctgggag	gtggttcct	tttgtatttg	540
actctgccgc	aactttttca	acaacacgag	ttttgcttct	tctaacctca	attcttcctt	600
cagctgcttg	atcatccttt	ctcgttcttc	aggactgctt	ttcatgaggg	cctcggtgct	660
agtctccttc	aaggccaccg	tggtcagccc	attcactctc	gggctcgagg	gctgctcggt	720
gtcggagagc	acaatcacgt	cagggtgaggg	gggtctcctc	tcggacttca	tgatcatctat	780
ccgtgatcct	cagagacatc	ttgcaaaaat	tatgtgatgc	acaccttttt	tccagctggc	840
cccatttttg	cacagaacaa	aacaaagccg	tccacactcc	cacgttctgg	acaactgggt	900
ggctggatgt	ctgtgtgagg	tgcgcagtgc	cacggggccc	tcgcccacca	gcccttcgcc	960
tctgcccattg	gcatggccg	tggcctctg				989

<210> 9028

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (374)...(1396)

<223> similar to gi3882317 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 9028

ccagagcaaa	ggcatacctc	caccacatta	agaatcctag	acattatttg	ccacaggtat	60
aaaatccgct	ggggctccaa	acaaagggtat	atagttaact	atattggggg	cattgcttta	120
agatgagtgc	ctagcagcag	tgacagtatc	tgggcctgga	aaaaatgtac	cacttacatt	180
gaatttgctc	ttcaaccac	aggttctgac	tcctcaggag	caaaaaacat	aacctgaaga	240
gggaggaagt	ggatttgagg	ttcaccattt	cttggggcac	acttgattga	aaactgagac	300
ttctgaagag	aaggccagaa	gatacaaaga	cagaccatcc	cagttgaatg	ctgtcttcca	360
agaacagaag	aaaatgatcc	aggcccagga	atccataaca	ctggaggatg	tggctgtcga	420
cttcacttg	gaggagtggc	aactcctggg	cgctgctcag	aaggacctgt	accgggatgt	480
gatgttgagg	aactacagca	acctggtggc	agtgggggtat	caagccagca	aaccggatgc	540
actcttcaag	ttggaacaag	gagaacaact	gtggacaatt	gaagatggaa	tccacagtgg	600
agcctgttca	gacatatgga	aagttgatca	tgtgctggag	cgcttgacga	gtgaaagcct	660
ggtgaacaga	aggaaaccat	gtcatgaaca	tgatgcattt	gaaaatattg	ttcattgcag	720
caaaagtcag	tttctgttag	ggcaaaatca	tgatatattt	gacttacgtg	gaaaaagttt	780
gaaatccaat	ttaactttag	ttaaccagag	caaaggctat	gaaataaaga	actctgttga	840
gtttactgga	aatggggact	cctttcttca	tgctaaccat	gaacgacttc	atactgcaat	900
taaattccct	gcaagtcaaa	aactcatcag	cactaagtcc	caattcatca	gtcccaagca	960
tcagaaaaca	cgaaaattag	agaagcatca	tgtgtgcagt	gaatgtggga	aagccttcat	1020
caagaagtct	tggctaactg	atcaccaggt	aatgcataca	ggagagaaac	cccacagatg	1080
tagtctatgt	gagaaagcct	tctccagaaa	gttcatgctt	actgaacatc	agcgaactca	1140
tacaggagaa	aaaccttatg	aatgccctga	atgtggcaaa	gcctttctca	agaaatcacg	1200
gctcaacata	catcagaaaa	cacataccgg	agagaaaccc	tatatatgca	gtgaatgtgg	1260
aaaaggcttc	atccagaaaag	gaaatctcat	tgtacaccag	cgaattcata	caggtagagaa	1320
accttatata	tgcaatgaat	gtggaaaggc	ttcattcaga	agacgtgtct	catagcacat	1380
cagagatttc	acacggaaaag	a				1401

<210> 9029  
 <211> 823  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (153)...(818)  
 <223> similar to gi2695659 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 9029

cgcattgctc	ccgccgggct	gtagctgagc	gcggagcccg	tgggggcccgg	tgagaactag	60
taagactgct	gcagagtccg	gaggaagaag	tcacctagaa	aagtctggga	cagggcattt	120
gagttcctga	gatctagtgt	gtgagagaca	tgatgttcta	ccggttgctg	tcgattgttg	180
gaagacaaaag	agccagccca	ggatggcaga	actggtcctc	tgcaagaaac	agcgcacacag	240
ctgccgaggc	gcgttccatg	gccctgcccc	cccaggcaca	ggtggtcgtc	tgtggagggtg	300
gaatcacggg	cacttctgtg	gcccattcacc	aatccaaaat	ggggtggaag	gatattgtcc	360
ttttggagca	gggcaggctg	gctgctggct	ctaccagggt	ctgtgctggc	atcctgagca	420
ctgccaggca	cttgaccatt	gagcagaaga	tggcagacta	ctcaaacaaa	ctctaccatc	480
agttagagca	agaaacaggg	atccaaacag	gttacacaag	gacagggtca	atctttctgg	540
cccaaactca	ggaccgactg	atctccctga	agcgcaccaa	cgcagggtcg	aatgttatag	600
gtatcccttc	tgagatcatc	tcccccaaga	aagtggccga	gcttcaccat	ctcctcaacg	660
tgcacgacct	ggtggggggc	atgcatgttc	ccgaggatgc	agtgggtgtc	tccgctgacg	720
tggctcttgc	cctggcaagt	gctgcctccc	aaaatgtggg	catacgagct	gggtctgtcc	780
aacgaggagc	cggttagtat	cccgtacat	gcctgcatgt	att		823

<210> 9030  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (71)...(319)  
 <223> similar to gi2072964 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 9030

ggaattaaga	agagaggata	aagaagacaa	ccagaaaaga	aataagaaca	ttgcagtagt	60
aagtccttaa	ctaccaataa	gaacattaaa	tgtgaatgga	ctaaattctc	cagtcaaaag	120
acatagtgcc	ttaatggatt	aaaaaacaaa	aacaaacaaa	acccacaaga	cccaactata	180
tgctcctgca	agaaactcac	ttcatctata	gattcacata	gactgaaaac	aaggaaatgg	240
aaaaagatac	ttcatgcaaa	tggaaaccaa	aaaagagcaa	gagtagctat	gcttatatca	300
gaaaaaatag	atttcaaaac	a				321

<210> 9031  
 <211> 1089  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (435)...(1089)  
 <223> similar to gi4519621 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 9031
cggcaagtgg gcttgcgggt aagggatttt cctgggatga gagcgggtct tctgccttca    60
ttttggatgc acatcccgtt ttagccccgg cagccttttg tccggctcgt gtccctgggg    120
attctcggat ctccgaggac accggacggg agcgcttggc catcctctct ccggcagagg    180
agcagacgtt tgctttccaa gtgcaaaact acagacacgc gcgcgcacac acgcaagcac    240
acgcggagag agaggaacct tgccgggtccg aggcagctct gcgcgtcccc tcctgcgctt    300
agcatcctcg gcccagcgcg gcccgcaccc ccatggaggt gctggagagc ggggagcagg    360
gcgtgctgca gtgggaccgc aagctgagcg agctgtcaga gcccggggac ggcgaggccc    420
tcatgtacca cacgcacttc tcagaacttc tggatgagtt ttcccagaac gtcttgggtc    480
agctcctgaa tgatcctttc ctctcagaga agagtgtgtc aatggagggtg gaaccttccc    540
cgacgtcccc ggcgctcttc atccaggctg agcacagcta ctccctgtgc gaggagcctc    600
gggcccagtc gcccttcacc cacattacca ccagtgcagc cttcaatgac gatgagggtg    660
aaagtgagaa atggtacctg tctacagact tcccttcaac atccatcaag acagagccag    720
ttacagacga accaccccca ggactcgttc cgtctgtcac tctgaccatc acagccatct    780
ccaccccggt ggaaaaggag gaacctcctc tggaaatgaa cactgggggtt gattcctcgt    840
gccagaccat tattcctaaa attaaactgt agcctcatga agtggatcag tttctaaact    900
tctctcctaa agaaggtctg tctgccctcc ctgtgtccct ttgggttatg gatatggtct    960
ctgggtctac agagagggaa tatggcgaga gagctgggat gagtttgtac cacagatgtt   1020
gtagctgggt ttatgaaata gctctgttct taaaaaataa aaattttgct tccaaataaa   1080
aaaaaaaaa

```

<210> 9032  
 <211> 600  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (167)...(393)  
 <223> similar to gi159725 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 9032
ggcacgaggc gacccaatgg gagtccccgc caggagacac aaccggcggc tctccgggga      60
tttataaggt cccgccagca accgcgcggt gggattcgtg gtgttgctgg agacccgat      120
ggtgtctgca gtcagcgacc ctccaacttc aactactgga tcaaccatgt gtgagtgcac      180
ctccatccat gtgggccagg ccggagtgcg gatgggcaat gcctgctggg agctgtactg      240
cctggagcac gacatccagc ccagtggcac catgcccagc cacaaggccc tggggagcag      300
tgataactcc ttcaacacct tcttcaggga gaccagcct ggagggcatg tgcctggggc      360
tgtctgtgga cctggagcct gctgtcatag cacaatgaag tcgctgtaga gggaagggac      420
cactgaaggt gccacctgct ctccccgtct caagcccagg caggacctgg ccttagaagt      480
gggtctctgg ttgggaggct gaggcaggag aatcgcttga acccgggaga cagaggctgt      540
ggtgagccaa gatcgctga ttgcactcca gcctgggcaa caagagtga actccgtctc      600

```

```

<210> 9033
<211> 1060
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (431)...(1057)
<223> similar to gi3169096 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 9033
ggctggcagt acctaccatt tatgggtcaaa caatTTTTtT agggTatttT tttgcatttg      60
tcactcttgt ggcatttgta gctaataTTT tctctctttg ttggcaggTg cgTTaaacct      120
ctacagtttg tcaagctttg cagtgcagc ctctgtatta cactgcagct taacaagtag      180
ggcaggggctt ttctctcact tacattttatt tctcattttc caaacaatat agttgggttg      240
ctagtcacat ttgtacgtc ttattgcatt tttggTcaga cgctgtcatt gatgctctaa      300
tgggtctgtg ccctatggTc tgtaacccaa agcctgcccc cacaacccgg tcagaatgca      360
gggactgctg cgctttgaag atcaagactc tgcacgtggg gatcagaaca ttgccatgTt      420
ctatccaacc tccacccaaa tggTTTTatcg gcgggggctt caggcaatac ctcttagtgt      480
tgacctttgg atacattata taaacttctt aaaagaaaca ttggaccctg gtgatcctga      540
gacaaacaat acaataagag gaacttttga gcatgctgtt ctagctgcag gaacagattt      600
ccgttctgac agactgtggg aaatgtatat aaactgggaa aatgagcagg gaaacctgag      660
agaagttaca gctatatatg atcgtattct tggTattcca acacagctgt atagTcatca      720
ttttcagaga tttaaagaac atgtacagaa taatttgctt agagatcttt taactggTga      780
acagtttatt cagttgTgaa gggaattagc ttctgTaaat ggtcatagtg gtgatgatgg      840
tcctcctggT gatgatctac catcgTgaat tgaagacata accgatcctg caaagctaTt      900
tacagaaata gaaaacatga gacatagaat cattgagatt catcaagaaa tgttttaatta      960
taatgagcat gaagttagta aaaggTggac atttgaagaa gagaattaaa agaccttact      1020
ttcatgtgaa acctttggaa aaggcacaac taaaaaaaaa      1060

```

```

<210> 9034
<211> 2526
<212> DNA

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